

CLASSROOM TEACHING

FIRST YEAR											
I. SEMESTER					II. SEMESTER						
Code	Course Name	T	U	K	ECTS	Code	Course Name	T	U	K	ECTS
İSÖ145	History of Turkish Revolution & Principles of M.Kemal Atatürk	2	0	2	2	İSÖ148	History of Turkish Revolution & Principles of M.Kemal Atatürk II	2	0	2	2
İSÖ155	Introduction to Science of Education	3	0	3	6	İSÖ138	General Chemistry	2	0	2	2
İSÖ153	Computer Studies I	2	2	3	6	İSÖ150	Foreign Language II	3	0	3	5
İSÖ141	History of Civilization	2	0	2	3	İSÖ146	Turkish II : Oral Expression	2	0	2	3
İSÖ139	General Biology	2	0	2	3	İSÖ136	Basic Mathematics II	2	0	2	2
İSÖ147	Foreign Language I	3	0	3	5	İSÖ144	Computer Studies II	2	0	2	6
İSÖ143	Turkish I Written Expression	2	0	2	3	İSÖ152	Educational Psychology	3	0	3	6
İSÖ137	Basic Mathematics I	2	0	2	2	İSÖ142	General Geography	2	2	3	2
						İSÖ140	Turkish History and Culture	2	0	2	2
Total Credit		18	2	19	30	Total Credit		20	2	21	30

SECOND YEAR											
III. SEMESTER					IV. SEMESTER						
Code	Course Name	T	U	K	ECTS	Code	Course Name	T	U	K	ECTS
İSÖ253	Principles and Methods of Teaching	3	0	3	5	İSÖ258	Instructional Technology and Material Development	2	2	3	6
İSÖ251	Sociology	2	0	2	3	İSÖ254	Methods of Technical Writing	1	2	2	3
İSÖ247	Environment Education	2	0	2	3	İSÖ250	Teaching Music	1	2	2	3
İSÖ245	Science and Technology Laboratory Application I	0	2	1	2	İSÖ252	Physical Education and Teaching Games	1	2	2	3
İSÖ243	Physical Education and Sports Culture	1	2	2	4	İSÖ242	Children's Literature	2	0	2	2
İSÖ241	Music	1	2	2	4	İSÖ240	Turkish Language II Sentence And Text Information	2	0	2	2
İSÖ239	General Physics	2	0	2	4	İSÖ246	Art Education	1	2	2	3
İSÖ247	Turkish Language I: Sound Knowledge And Figures	2	0	2	2	İSÖ244	Geography of Turkey and Geopolitics	3	0	3	4
İSÖ249	Introduction To Philosophy	2	0	2	3	İSÖ256	Scientific Research Methods	2	0	2	2
						İSÖ248	Science and Technology Laboratory Application II	0	2	1	2
Total Credit		15	6	18	30	Total Credit		15	12	21	30

THIRD YEAR											
V. SEMESTER					VI. SEMESTER						
Code	Course Name	T	U	K	ECTS	Code	Course Name	T	U	K	ECTS
İSÖ341	Classroom Management	2	0	2	4	İSÖ342	School Experience I	1	4	3	5
İSÖ337	Drama	2	2	3	5	İSÖ336	Teaching Mathematics-II	3	0	3	4
İSÖ335	Teaching Mathematics-I	3	0	3	4	İSÖ332	Methods Of Turkish Teaching	3	0	3	5
İSÖ331	Teaching Of Reading And Writing	3	0	3	4	İSÖ330	Teaching Science and Technology II	3	0	3	4
İSÖ329	Teaching Science and Technology I	3	0	3	4	İSÖ334	Teaching Social Informations	3	0	3	5
İSÖ333	Teaching Life Informations	3	0	3	4	İSÖ340	Community Service Applications	1	2	2	4
İSÖ339	Measurement and Evaluation	3	0	3	5	İSÖ338	Early Childhood Education	2	0	2	3
Total Credit		19	2	20	30	Total Credit		16	6	19	30

FOURTH YEAR											
VII. SEMESTER					VIII. SEMESTER						
Code	Course Name	T	U	K	ECTS	Code	Course Name	T	U	K	ECTS
İSÖ441	Guidance	3	0	3	5	İSÖ434	Teaching Practice II	2	6	5	8
İSÖ431	Methods of Religion Ethic Teaching	2	0	2	2	İSÖ432	Integrated Classes in Elementary Education	2	0	2	4
İSÖ439	Teaching Practice I	2	6	5	8	İSÖ428	Elective I	2	0	2	4
İSÖ443	Special Education	2	0	2	5	İSÖ424	Elective II (Social Gender Training)	2	0	2	4
İSÖ435	Turkish Republic Literature	2	0	2	2	İSÖ426	Joining Together in Elementary Education	2	0	2	4
İSÖ437	Effective Communication	3	0	3	3	İSÖ436	Turkish Educational System and School Management	2	0	2	2
İSÖ433	Traffic and First Aid	2	0	2	2	İSÖ430	History of Turkish Education	2	0	2	4
İSÖ429	Teaching Visual Arts	1	2	2	3						
Total Credit		17	8	21	30	Total Credit		14	6	17	30

I.SEMESTER

TAR 101 History of Turkish Revolution & Principles of M.Kemal Atatürk

Course Code	TAR 101
Course Title	History of Turkish Revolution & Principles of M.Kemal Atatürk
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	(1) First
Prerequisites	None
Local Credits	2
ECTS Credits	2
Weekly (Lectures-Practice-Laboratory)	2-0-0
Duration	1 Semester
Semester	1. Semester
Examination	Mid-term exam, final exam.
Assessment	Mid-term exam % 30, final exam % 70
Description	The main aim of the course is to encourage the students to adopt the democratic values as the only way of a modern life and to incite them to defend these values. This course allows the students to be sensitive to the revolutionary principles of Atatürk and to induce them to protect the contemporary, secular and democratic values.
Course Content	Description of the term “revolution”; major historical events in the Ottoman Empire to the end of World War I; World War I; a general overview of Mustafa Kemal’s life; certain associations and their activities; arrival of Mustafa Kemal to Samsun; the congresses, gathering of the last Ottoman Assembly and the proclamation of the “national oath”; opening of the Turkish Grand National Assembly; War of independence to the Victory of Sakarya; Victory of Sakarya; financial sources of the war of independence; grand counter-attack; Armistice of Mudanya; abolition of the Sultanate; Peace Conference of Lausanne
Learning Objectives	By the end of this module students will be able to: 1. Utilize their knowledge of social sciences

	<ol style="list-style-type: none"> 2. Analyze, evaluate and interpret historical data 3. Arrange group works 4. Get the consciences of professional and ethical responsibility 5. Establish an effective oral and inscriptive communication 6. Understand the national and universal impacts of the historical data 7. Recognize the need for life-long learning and application 8. Remain up-to-date with professional and contemporary issues 9. Make scientific researches separately or under the guidance of an advisor
Read List	<ol style="list-style-type: none"> 1. Mustafa Kemal Atatürk, Nutuk (Söylev), C.I-II, T.T.K., Ankara, 1986. 2. Atatürk'ün Söylev ve Demeçleri, C.I-V, Ankara, 1983-1987. 3. Niyazi Berkes, Türkiye'de Çağdaşlaşma, İstanbul, 1978. 4. Afet A. İnan, Medeni Bilgiler, Ankara, 1987. 5. Enver Ziya Karal, Atatürk ve Devrim (Konferanslar ve Makaleler), T.T.K., Ankara, 1980. 6. Enver Ziya Karal, Atatürk'ten Düşünceler, M.E.B. Yay., Ankara, 1981. 7. Bernard Lewis, Modern Türkiye'nin Doğuşu, Çev.M.Kıratlı, T.T.K.,Ankara, 1970. 8. Ahmet Mumcu, Tarih Açısından Türk Devriminin Temelleri ve Gelişimi, Ankara, 1976. 9. Atatürk İlkeleri ve İnkılap Tarihi, C.I-II, YÖK Yay., Ankara, 1986-1989.

EGB 151 Introduction to Science of Education

Course Code	EGB 151
Course Title	Introduction to Science of Education
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	(1) First
Prerequisites	None
Local Credits	3
ECTS Credits	6
Weekly (Lectures-Practice-Laboratory)	3-0-0
Duration	1 Semester
Semester	1. Semester
Examination	Mid-term exam and homework, final exam
Assessment	Mid-term exam 30%, homework 30%, final exam 40%
Description	
Course Content	Principles and characteristics of the teaching profession; Entering the teaching profession; Becoming a teacher; Social foundations of education; Psychological foundations of education; Philosophical foundations of education; Historical foundations of education; School and classroom as a social system; School environment; Turkish Educational System, Alternative perspectives in education studies.
Learning Objectives	<p>By the end of the course students should be able to:</p> <ol style="list-style-type: none"> 1. understand the basic principles and characteristics of the teaching profession 2. understand the process of on becoming a teacher 3. analyze the teaching profession 4. understand classroom and school environments 5. analyze the social foundations of education 6. analyze the psychological foundations of education 7. analyze the political foundations of education 8. analyze the economical foundations of education 9. analyze the historical foundations of education

	10. analyze the Turkish educational system 11. analyze alternative perspectives in education.
Read List	Şişman, Mehmet (2006). Eğitim Bilimine Giriş . Ankara: Pegema. Demirel, Ö ve Z. Kaya. (2006). Öğretmenlik Mesleğine Giriş . Ankara: Pegema. Keskinkılıç, Kadir (2006). Öğretmenlik Mesleğine Giriş . Ankara: Pegema. Karslı, M. D. (2006). Öğretmenlik Mesleğine Giriş . Ankara: Pegema. Kıncal, Remzi (2006). Öğretmenlik Mesleğine Giriş . Ankara: Nobel. Özden, Yüksel. (2006). Öğretmenlik Mesleğine Giriş . Ankara: Pegema.

BİL 151 Computer Studies I

Course Code	BİL 151
Course Title	Computer Studies I
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	First
Prerequisites	None
Local Credits	3
ECTS Credits	6
Weekly (Lectures-Practice-Laboratory)	2-2-0
Duration	1 semester
Semester	1. Semester
Examination	Mid-term exam, final exam and project , written form.
Assessment	Mid-term exam-40%, final exam-60%
Description	The main aim of the course is to introduce basic information technologies and systems and their usage in education to the students.
Course Content	Information technologies, basic concepts of software and hardware, operating systems, word processors, electronic table programs, data presentation, using internet in education, effects on social structure and place in education of information technologies, security and ethic concepts of information systems.
Learning Objectives	By the end of this module students will be able to: <ol style="list-style-type: none"> 1. Learn information technologies. 2. Understand the role of computers information technologies. 3. Learn the computer components. 4. Understand the working principle of computer hardware 5. Understand how operating system works. 6. Learn how to use operating system. 7. Understand working principles of applications. 8. Use Microsoft Word application. 9. Use Microsoft Excel application. 10. Use Microsoft Powerpoint application. 11. Know internet resources and services. 12. Understand the working principles of web pages. 13. Attain to find the knowledge with keyword in internet
Read List	1. Akkoyunlu, B. (2002) , Öğretmenler ve Öğretmen adayları için Eğitimde İnternet kullanımı. İstanbul: BİTAV 2. Courter, G., Marquis, A.(1998) , Bilgisayar Öğrenim Kılavuzu, Alfa Yayınları,

	<p>İstanbul.</p> <p>3. Güneş, A. (Editör)(2006), Bilgisayar I Temel Bilgisayar Becerileri, Pegem Yayıncılık, Ankara.</p> <p>4. Kalbag, A. (1997), Dünyayı Saran Ağ: WWW, Tübitak Yayınları, Ankara.</p> <p>5. Doherty, G.(1998), Bilgisayarda 101 Proje, Tübitak Yayınları, Ankara.</p> <p>6. Kalbag, A. (1998), Bilgisayardaki Adresiniz: Web sitesi, Tübitak Yayınları, Ankara.</p> <p>7. Stephens, M., Treays, R. (1998), Bilgisayarlar, Tübitak Yayınları, Ankara.</p> <p>8. Wingate, P.(1997), İnternet, Tübitak Yayınları, Ankara.</p> <p>9. Bal, H.Ç., (2005), Bilgisayar ve İnternet</p>
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TAR 151 History of Civilization

Course Code	TAR 151
Course Title	History of Civilization
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	First
Prerequisites	None
Local Credits	2
ECTS Credits	3
Weekly (Lectures-Practice-Laboratory)	2-0-2
Duration	1 semester
Semester	1. Semester
Examination	Mid-turn exam and final exam , written form
Assessment	Mid-turn Exam % 30 , projet % 30 , final exam % 40
Description	
Course Content	to recognize the main concepts of civilization , important events , to learn historical development of thought , culterel patterns and differences.
Learning Objectives	<ol style="list-style-type: none"> 1. The main concepts of civilization 2. Culture and civilization 3. Primary civilizations in History 4. Philosophy and Education 5. Primary Invention: Calendar press and other important inventions in history 6. New approaches in present civilization 7. Global Citizinship 8. Human Nature
Read List	All History of Civilization books articles

BİY 151 General Biology

Course Code	BİY 151
Course Title	General Biology
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	(1) First
Prerequisites	None
Local Credits	2
ECTS Credits	3
Weekly (Lectures-Practice-Laboratory)	2-0-0
Duration	1 Semester
Semester	1. Semester
Examination	Mid-term exam and final exam, written form
Assessment	Mid-term exam-30%, final exam-70 %
Description	
Course Content	Differences between organisms and dulla, diversity of organisms: animals, plants, microorganisms, protists, fungus; structure of organisms: cells, tissues, organs and organ systems,; human body and its organ systems.
Learning Objectives	<ol style="list-style-type: none">1. What is the organism?2. General systematics of organisms.3. Basic animal groups and their features.4. Basic plant groups and their features.5. Microorganisms.6. Groups of Protista and their features. Structure and functions of cell <ol style="list-style-type: none">7. Structures of Fungi and their systematics.8. Cell and organel.9. Cell cycle10. Cell divisions.11. Plant tissues12. Plant organ systems13. Animal tissues14. Animal organ systems.15. General morphology of human body.16. Human organ systems.
Read List	<ol style="list-style-type: none">1. Şahin Y.(2005) Yaşambilim, Bilim ve Teknik Yayınevi.2. Demirsoy A. (1993) Yaşamın Temel Kuralları, Cilt 1, Kısım 1, Ankara, METEKSAN.3. Demirsoy A. (1993) Yaşamın Temel Kuralları, Cilt 1, Kısım 2, Ankara, METEKSAN.4. Keeton & Gould (2003) Genel Biyoloji 1, Ankara, Palme Yayıncılık.

YDI 151 Foreign Language I

Course Code	YDI 151
Course Title	Foreign Language I
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	(1) First
Prerequisites	None
Local Credits	3
ECTS Credits	5
Weekly (Lectures-Practice-Laboratory)	3-0-0
Duration	1 Semester
Semester	1. Semester
Examination	Mid-term exam and final exam, written form
Assessment	Mid-term exam-30%, final exam-70 %
Description	The aim of the course is to enable students to teach basic grammar, speaking, writing, reading and listening knowledge of English.
Course Content	Nouns, adjectives, adverbs and prepositions, basic tenses, active and passive voice, conditionals, modals, gerunds and infinitives, direct and indirect speech forms, sentence structure, vocabulary of English.
Learning Objectives	At the end of the course, the students will be able to <ol style="list-style-type: none"> 1. use the basic grammar of English, 2. use the target language in classroom, 3. understand and respond dialogues, 4. comprehend reading passages in English, 5. communicate with native speakers, 6. express themselves in written forms.
Read List	<ol style="list-style-type: none"> 1. Walker,E. & Elsworth, S. (2000). New Grammar Practice for Elementary Students –Longman : England 2. Walker,E. & Elsworth, S. (2000). New Grammar Practice for Pre-Intermediate Students –Longman : England 2. 3. Murphy, R. (1998). English Grammar in Use. Cambridge. 4. Dictionary of Contemporary English, Longman.

TUR 151 Turkish I Written Expression

Course Code	TUR 151
Course Title	Turkish I Written Expression
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	(1) First
Prerequisites	None
Local Credits	2
ECTS Credits	3
Weekly (Lectures-Practice-Laboratory)	2-0-0
Duration	1 Semester
Semester	1. Semester
Examination	Mid-term exam and final exam, written form
Assessment	Mid-term exam-30%, final exam-70 %
Description	Developing students listening, reading, thinking, understanding and written expression skills
Course Content	Definition and importance of language; language- culture relations, writing language and its characteristics; external structure and rules in written expression, dictation rules and punctuation marks; plan in writing theme, writing paragraph; composition concept, rules and plans in writing a composition, composition roof in elected writing, theme, examining the paragraph, correction studies in composition, general expression defeats, thinking and expression of thinking; different writing types (memory, anecdote, story criticism, novel etc.), formal writings (auto biography, petition, report, announcement, bibliography, official writings, scientific writings, article et .), studying on articles introduction, improvement and conclusion parts, writing an article, noting and summarizing methods and techniques.
Learning Objectives	<ol style="list-style-type: none">1. Being able to use Turkish language correctly and effectively2. Having scientific and objective thinking skills3. Having writing skills fitted with rules4. Being able to use paragraphs correctly in writing5. Being able to arrange written notice, bibliography and report6. Understanding and expressing thoughts correctly7. Being able to understand and summarize a book8. Having note taking skills9. Being able to write a story, poem etc.
Read List	<p>Ağca, Hüseyin. Yazılı Anlatım. Gündüz Eğitim ve Yayıncılık, Ankara, 1999.</p> <p>Ağca, Hüseyin. Sözlü ve Yazılı Anlatımda Türkçenin Kullanımı. Atatürk Kültür Merkezi Başkanlığı Yayınları, Ankara, 2001.</p> <p>Beyreli, Latif, Zerrin Çetindağ ve Ayşegül Celepoğlu. Yazılı ve Sözlü Anlatım. Pegem Yayıncılık, Ankara, 2005.</p> <p>Bilgin, Muhittin. Anlamdan Anlatıma Türkçemiz. Anı Yayıncılık, Ankara, 2006.</p> <p>Buzan, Tony. Yaratıcı Zekanın Gücü. Çevri: Beyhan Kurt. Epsilon Yayınları, İstanbul, 2003.</p> <p>Bülbül, Rıdvan. Yazılı Anlatım ve Yazı Türleri. Nobel Yayın Dağıtım, Ankara, Dara, Ramis. Yazılı Anlatıma Giriş. Asa Kitabevi, Bursa, 2000.</p> <p>İleri, Canan ve diğerleri. Sözlü ve Yazılı Anlatım. Anadolu Üniversitesi Açıköğretim Fakültesi Yayınları, Eskişehir, 1998.</p> <p>Kantemir, Enise. Yazılı ve Sözlü Anlatım. Engin yayımları, Yayınları, Ankara, 1997.</p> <p>Kavcar, Cahit, Ferhan Oğuzkan ve Özlem Aksoy. Yazılı ve Sözlü Anlatım. Anı Yayıncılık, Ankara, 2005.</p> <p>Oral, Günseli. Yine Yazı Yazıyoruz. Pegem Yayıncılık, Ankara, 2002.</p> <p>Özbay, Murat. İlköğretim Okulu Öğrencilerinin Yazılı Anlatım Becerileri Alan Araştırması. Ankara, 2000.</p> <p>Özdemir, Emin. Sözlü ve Yazılı Anlatım Sanatı-Kompozisyon, Remzi Kitabevi, istanbul</p>

	Yakıcı, Ali ve diğerleri. Türkçe-I Yazılı Anlatım . Gazi Yayınevi, Ankara, 2006.
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MAT 157 Basic Mathematics I

Course Code	MAT 157
Course Title	Basic Mathematics I
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	(1) First
Prerequisites	None
Local Credits	2
ECTS Credits	2
Weekly (Lectures-Practice-Laboratory)	2-0-0
Duration	1 Semester
Semester	1. Semester
Examination	Mid-term exam and, final exam , written form.
Assessment	Mid-term exam -30%, final exam-70%
Description	The main of the course is to introduce students to a range of basic mathematics knowledge.
Course Content	Defination of mathematics, relation with other science. Sets and operation at sets. Foundation of number system, naturel number. Different based number, integer . divisibility rules, EKOK and EBOB concepts and applications. Ratio and proportion , compound ratio concepts and application. Real number , exponentiation and rational exponents. Cartezian product, correlation, fuction, operation concepts and their graphics. Equality and ordering correlation. Data collection and summary of data, their graph, measure of central distribution.
Learning Objectives	<ol style="list-style-type: none"> 1. “What is mathematics and relationship other science?” question can answered. 2. Sets and sets operations, 3. Have knowledge about the correlation, functions and graphics, 4. Have knowledge about the real number, integer and properties, 5. Have knowledge about the data collection and drawing their
Read List	<ol style="list-style-type: none"> 1) Temel matematik I, Prof.Dr. Şeref MİRASYEDİOĞLU 2)Çelik, B. ve diğerleri.(2004). Temel Matematik. Nobel Yayıncılık.

II.SEMESTER

TAR 102 History of Turkish Revolution & Principles of M.Kemal Atatürk II

Course Code	TAR 102
Course Title	History of Turkish Revolution & Principles of M.Kemal Atatürk II
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	(1) First
Prerequisites	None
Local Credits	2

ECTS Credits	2
Weekly (Lectures-Practice-Laboratory)	2-0-0
Duration	1 Semester
Semester	2. Semester
Examination	Mid-term exam, final exam.
Assessment	Mid-term exam % 30, final exam % 70
Description	The main aim of the course is to encourage the students to adopt the democratic values as the only way of a modern life and to incite them to defend these values. This course allows the students to be sensitive to the revolutionary principles of Atatürk and to induce them to protect the contemporary, secular and democratic values.
Course Content	Proclamation of the Republic, Abolition of the Caliphate, the Constitution of 1924, Attempts of multi-party administration, Sheikh Said Uprising, Other Reactions against the Republic, Menemen Incident, reforms in various fields
Learning Objectives	By the end of the course the students will be able to: <ol style="list-style-type: none"> 1. appreciate the importance of the consciousness of the concept of absolute freedom 2. recognize the importance of the principle of national sovereignty 3. acknowledge the necessity of defending and promoting the democracy 4. realize the value of the basic human rights and liberties 5. appraise the peculiarities of the Kemalist thought system. 6. follow the Kemalist thought system through historical process up to modern times 7. believe in a modern Turkey shaped by the principles and reforms of Atatürk 8. analyze the historical data and compose new designs 9. comprehend professional and ethical responsibility 10. have the ability to follow the professional and daily developments 11. communicate actively both in oral and in written forms
Read List	<ol style="list-style-type: none"> 1. Mustafa Kemal Atatürk, Nutuk (Söylev), C.I-II, T.T.K., Ankara, 1986. 2. Atatürk'ün Söylev ve Demeçleri, C.I-V, Ankara, 1983-1987. 3. Niyazi Berkes, Türkiye'de Çağdaşlaşma, İstanb. ul, 1978. 4. Afet A. İnan, Medeni Bilgiler, Ankara, 1987. 5. Enver Ziya Karal, Atatürk ve Devrim (Konferanslar ve Makaleler), T.T.K., Ankara, 1980. 6. Enver Ziya Karal, Atatürk'ten Düşünceler, M.E.B. Yay., Ankara, 1981. 7. Bernard Lewis, Modern Türkiye'nin Doğuşu, Çev.M.Kıratlı, T.T.K.,Ankara, 1970. 8. Ahmet Mumcu, Tarih Açısından Türk Devriminin Temelleri ve Gelişimi, Ankara, 1976. 9. Atatürk İlkeleri ve İnkılap Tarihi, C.I-II, YÖK Yay., Ankara, 1986-1989.

KIM 156 General Chemistry

Course Code	KIM 156
Course Title	General Chemistry
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	(1) First
Prerequisites	None
Local Credits	2
ECTS Credits	2
Weekly (Lectures-Practice-Laboratory)	2-0-0
Duration	1 Semester

Semester	2. Semester
Examination	Mid-term exam and final exam, written form.
Assessment	Mid-term exam-50%, final exam-50%
Description	The main aim of the course is to teach a basic chemistry background and give the application of this knowledge in education
Course Content	Matter and moles, chemical reactions, reaction stoichiometry, the properties of gases, thermochemistry, atomic structure, chemical bonds, molecular structure, liquids and solids, the properties of solutions, chemical equilibrium
Learning Objectives	By the end of this module students will be able to: <ol style="list-style-type: none"> 1. Gain knowledge about the matter and its content. 2. Use international unit system. 3. Distinguish the types of chemical reactions and make reaction calculations. 4. Describe a chemical reaction by using thermodynamic functions. 5. Imagine molecular structure and describe the intermolecular forces in a matter. 6. Describe the solutions and concentration units and prepare solution. 7. Identify the physical and chemical equilibrium and describe the factors which affect the equilibrium. 8. Identify the reaction mechanism. 9. Synthesize the knowledge on science with the content of this course. 10. Get information about definition, formulation and solution of problems. 11. Analyze and estimate the data in the related scientific problem.
Read List	<ol style="list-style-type: none"> 1. Petrucci, R.H., Harwood, W.S. & Herring F.G. (Çeviri Editörleri: Uyar, T. & Aksay, S.) (2002) Genel Kimya. Ankara: Palme. 2. Saraç, A.S., Güvençoğlu, A. & Soydan, A.B. (1980) Modern Genel Kimya. İstanbul: Kipaş. 3. Gündüz, S. (1993). Kantitatif Analiz Ders Kitabı. Ankara: Bilge. 4. Mortimer, C.E. (Çeviri Editörü: Altınata, T.) (1990) Modern Üniversite Kimyası. İstanbul: Çağlayan Basımevi.

YDI 152 Foreign Language II

Course Code	YDI 152
Course Title	Foreign Language II
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	First
Prerequisites	None
Local Credits	3
ECTS Credits	5
Weekly (Lectures-Practice-Laboratory)	3-0-0
Duration	1 Semester
Semester	2. Semester
Examination	Mid-term exam and final exam, written form
Assessment	Mid-term exam-30%, final exam-70 %
Description	The aim of the course is to enable students to teach basic grammar, speaking, writing, reading and listening knowledge of English.
Course Content	Nouns, adjectives, adverbs and prepositions, basic tenses, active and passive voice,

	conditionals, modals, gerunds and infinitives, direct and indirect speech forms, sentence structure, vocabulary of English.
Learning Objectives	At the end of the course, the students will be able to <ol style="list-style-type: none"> 1. use the basic grammar of English, 2. use the target language in classroom, 3. understand and respond dialogues, 4. comprehend reading passages in English, 5. communicate with native speakers, 6. express themselves in written forms.
Read List	<ol style="list-style-type: none"> 1. Walker,E. & Elsworth, S. (2000). New Grammar Practice for Elementary Students –Longman : England 2. Walker,E. & Elsworth, S. (2000). New Grammar Practice for Pre-Intermediate Students –Longman : England 2. 3. Murphy, R. (1998). English Grammar in Use. Cambridge. 4. Dictionary of Contemporary English, Longman.

Turkish II : Oral Expression

Course Code	
Course Title	Turkish II : Oral Expression
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	(1) First
Prerequisites	None
Local Credits	2
ECTS Credits	3
Weekly (Lectures-Practice-Laboratory)	2-0-0
Duration	1 Semester
Semester	2. Semester
Examination	Mid-term exam and final exam, written form
Assessment	Mid-term exam 30%, final exam 70%
Description	Developing students listening, reading, thinking, understanding and written expression skills
Course Content	Expression, Oral expression, Listening, Parts of listening, Writings having the value of thinking (essay, criticism, anecdote, novel, poem), Speaking, Prepared speaking (conference), Unprepared speaking (conversation an telephone)
Learning Objectives	<ol style="list-style-type: none"> 1. To read and comprehend a passage 2. To criticize a passage 3. To listen, to read, to develop the comprehension 4. To have skills and habits on effective and accurate, well arranged, writing and speaking
Read List	Ağca, Hüseyin. Sözlü ve Yazılı Anlatımda Türkçenin Kullanımı . Atatürk Kültür Merkezi Başkanlığı Yayınları, Ankara, 2001. Beyreli, Latif, Zerrin Çetindağ ve Ayşegül Celepoğlu. Yazılı ve Sözlü Anlatım . Pegem Yayıncılık, Ankara, 2005. İleri, Canan ve diğerleri. Sözlü ve Yazılı Anlatım . Anadolu Üniversitesi Açıköğretim

	<p>Fakültesi Yayınları, Eskişehir, 1998. Kantemir, Enise. Yazılı ve Sözlü Anlatım. Engin yayınları, Yayınları, Ankara, 1997. Kavcar, Cahit, Ferhan Oğuzkan ve Özlem Aksoy. Yazılı ve Sözlü Anlatım. Anı Yayıncılık, Ankara, 2005. Özdemir, Emin. Sözlü ve Yazılı Anlatım Sanatı-Kompozisyon, Remzi Kitabevi, İstanbul</p>
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MAT 158 Basic Mathematics II

Course Code	MAT 158
Course Title	Basic Mathematics II
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	(1) First
Prerequisites	None
Local Credits	2
ECTS Credits	2
Weekly (Lectures-Practice-Laboratory)	2-0-0
Duration	1 Semester
Semester	2. Semester
Examination	Mid-term exam, final exam, written form.
Assessment	Mid-term exam-30%, final exam-70%
Description	The main of the course is to introduce students to a range of basic mathematics knowledge.
Course Content	Algebraic expression, equation and identity concepts, operation at algebraic expressions, equation and inequality concepts, system of equation and inequality. two variable functions, graph of continuously and discontinuous functions. foundation of geometry. Planary Shape and their area and circumference. Solids and their area and volume. Congruent, similarity, right triangles, correlations of right triangles, geometric place and basic drawing. Fundamental concepts of trigonometry. Analytical examination of line and circle.
Learning Objectives	<p>By the end of the course students should be able to:</p> <ol style="list-style-type: none"> 1. Providing and solving equations, 2. Have knowledge about the functions and graphics, 3. Be conversant with basic plane geometry, 4. Be conversant with basic space geometry, 5. Have knowledge about the basic trigonometry, 6. Be conversant with basic measure units and relations.
Read List	<p>1-Çelik, B. ve diğerleri.(2004). Temel Matematik. Nobel Yayıncılık.</p> <p>2-Mirasyedioğlu, Ş.(1999). Temel Matematik-II. Gündüz Eğitim ve Yayıncılık.</p> <p>3-Olkun, S. ve Toluk Uçar, Z.(2006). Temel Matematik-II. Tek Ağaç Yayıncılık.</p>

SOS 160 Computer Studies II

Course Code	SOS 160
Course Title	Computer Studies II
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	First
Prerequisites	None
Local Credits	3
ECTS Credits	6
Weekly (Lectures-Practice-Laboratory)	2-2-0
Duration	1 semester
Semester	2. Semester
Examination	Mid-term exam, final exam and project , written form.
Assessment	Mid-term exam-30%, final exam-70%
Description	The main aim of the course is to introduce basic information technologies and systems and their use in education.
Course Content	Basic concepts, components, theoretical foundations and application methods of computer-aided education, using of prevalent formats in computer-aided education, conceiving, evaluation approaches and election of lecture software, distance education applications, basic skills of database programs.
Learning Objectives	By the end of this module students will be able to: <ol style="list-style-type: none">1. Learn information technologies.2. Understand the role of computers information technologies3. Understand the computer aided education4. Create the various software for lecture5. Use Microsoft Access program6. Understanding working principles of Web Cites7. Being able to use distance education materials
Read List	<ol style="list-style-type: none">1. Güneş, A. (Editör)(2007), Bilgisayar II Bilgisayar Destekli Öğretim ve Uzaktan Eğitim , Pegema Yayıncılık, Ankara, 203 s.2. Pala, Z., (2005), 24 derste Microsoft Office Access 2003, Türkmen Kitabevi, Ankara.3. Yarımağan, Ü., (2000), Veritabanı Sistemleri, Akademi Yayınları, İstanbul.4. Uysal, M., (2006), Access 2003 ile Veri Tabanı Yönetimi, Beta Yayınları, İstanbul.5. Yalçın, Ö., (2003), Veri Tabanı Sistemleri, (Editör Ayşe D. Tüzel), Alfa Yayınları, İstanbul.6. Oya, K., (2001), Bilgisayar Veri Tabanı Sistemleri, Der Yayınları, İstanbul.

TAR 152 Educational Psychology

Course Code	TAR 152
Course Title	Educational Psychology
Instructor's Name	
Academic Cycle	Bachelor

Year of Study	First
Prerequisites	None
Local Credits	3
ECTS Credits	6
Weekly (Lectures-Practice-Laboratory)	3-0-0
Duration	1 semester
Semester	2. Semester
Examination	Mid-term exam and final exam, written form
Assessment	Mid-term exam-30%, final exam-70 %
Description	
Course Content	To know the concepts that related with education and psychology. To know cognitive, social, physical, moral development in preschool, primary school and high school level. To differantiate the personal differences in learning and how learning is seen. To know personal development(cognitive, social, pschological, moral and physical) from prenatal session to adolesenceand how learning is seen and theories about learnng. To study on different aspects of human development (cognitive, social, pschological, moral and physical) and learning theories, learning process, personal differences in learning.
Learning Objectives	<ol style="list-style-type: none"> 1. To know the concepts that related with education and psychology. 2. To know cognitive, social, physical, moral development 3. To differantiate the personal differences in learning and how learning is seen. 4. To know learning theories, learning process, personal differences in learning.
Read List	<ol style="list-style-type: none"> 1. Yeşilyaprak B. (2002)Educational Psychology. Ankara: Nobel Yayın. 2. Erden,M. ve Akman,Y.(1997) Educational Psychology. Ankara: Arkadaş Yayınevi. 3. Aydın, A. (2000) Developmantal Psychology and Learning. İstanbul: Alfa Yayıncılık. 4. Bacanlı, H. (2003) Developmantal Psychology and Learning. Ankara: Nobel Yayıncılık. 5. Senemoğlu, Nuray (1997). Developmantal Psychologyand Learning Burdur: Ertem Matbaacılık. 6. Yavuzer, H. (2000). Child Psychology. İstanbul: Remzi Kitabevi.

BIL 152 General Geography

Course Code	BIL 152
Course Title	General Geography
Instructor's Name	
Academic Cycle	Bachelor

Year of Study	First
Prerequisites	None
Local Credits	2
ECTS Credits	2
Weekly (Lectures-Practice-Laboratory)	2-0-0
Duration	1 semester
Semester	2. Semester
Examination	Mid-term exam, final exam written form.
Assessment	Mid-term exam-30%, final exam-70%
Description	This course focuses on teaching subject matters, principles, sections, development of geography; universe and solar system; shape, physical characteristics, motion and results of the motion of the world; gaining general knowledge about maps.
Course Content	
Learning Objectives	<p>By the end of the course students should be able to:</p> <ol style="list-style-type: none"> 1. Have a general idea about the geography 2. Have an idea about Galaxy and Solar system 3. Having the ability to solve the problems about the shape and dimensions of the Earth. 4. Having the ability to understand the results of the daily activities of the world and to solve the relevant questions 5. Having the ability to understand the results of the annual activities of the world and to solve the relevant questions 6. To find the latitude with the celestial bodies. 7. To determine the place on the earth. 8. To solve the time problems. 9. To know how to show the surface figures and to read and use the maps. 10. To make some measurements on the maps. 11. Having the ability to use maps, diagrams, graphics. 12. Having the ability to explain the terms and concepts about the issue.
Read List	<ol style="list-style-type: none"> 1. BAYDİL, Emin. Coğrafyaya Giriş 2. ŞAHİN, Cemalettin. Coğrafyaya Giriş 3. DOĞANAY, Hayati. Coğrafyaya Giriş 1.

EGB 152 Turkish History and Culture

Course Code	EGB 152
Course Title	Turkish History and Culture
Instructor's Name	
Academic Cycle	Bachelor

Year of Study	First
Prerequisites	None
Local Credits	2
ECTS Credits	2
Weekly (Lectures-Practice-Laboratory)	2-0-0
Duration	1 semester
Semester	2. Semester
Examination	Mid-term exam and final exam , written form
Assessment	Mid-term Exam % 30 , final exam % 70
Description	To recognize Turkish history and civilization in this context to explore and understand the meaning of history and civilization in social development
Course Content	
Learning Objectives	<ol style="list-style-type: none"> 1. To know Turkish History 2. To understand Turkish civilization 3. To understand big events in Turkish history 4. To explain the main concepts of civilization , culture and social development 5. To gain a knowlege new approaches in Turkish history and civilization
Read List	All Turkish History and Civilization books and articles

III.SEMESTER

EGB 255 Principles and Methods of Teaching

Course Code	EGB 255
Course Title	Principles and Methods of Teaching
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	Second
Prerequisites	None
Local Credits	3
ECTS Credits	5
Weekly (Lectures-Practice-Laboratory)	3-0-0
Duration	1 semester
Semester	3. Semester
Examination	One mid-term exam, final exam
Assessment	Mid-term exam-30%, final exam-70%
Description	
Course Content	Basic concepts related to teaching, principles of learning and teaching, importance and benefits of planned study in teaching, planning of teaching (unit annual plan, daily plan and samples of activity), strategies of learning and teaching, teaching techniques and methods and their relation with practice, teaching tools and materials, duty and responsibility of teacher to improve the quality of teaching training, proficiency of teacher.

Learning Objectives	
Read List	

EGB 253 Sociology

Course Code	EGB 253
Course Title	Sociology
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	Second
Prerequisites	None
Local Credits	2
ECTS Credits	3
Weekly (Lectures-Practice-Laboratory)	2-0-0
Duration	1 semester
Semester	3. Semester
Examination	One mid-term exam, final exam
Assessment	Mid-term exam-30%, final exam-70%
Description	
Course Content	Definitions, issues and extensions of sociology, basic concepts of sociology, work areas of sociology, sociologist, sociology and other sciences relationship; social groups and their features, methods of sociology, person society relationship and person's effect to society, education from the aspect of sociology, education-person and society relationship, school as a societal foundation, roles and responsibilities of teacher's and student's from the aspect of sociology, equality of opportunity in education, social mobility, status, level and categorization, culture, society and civilization relationship, current sociologic study samples.
Learning Objectives	By the end of this module students will be able to: <ul style="list-style-type: none"> <input type="checkbox"/> Giving a sociological (policasual) point of view. <input type="checkbox"/> Giving the ability to discuss educational facts by sociological method and techniques. <input type="checkbox"/> Giving the ability to appreciate educational system at universal level. <input type="checkbox"/> Understanding the paradigmatical problems of education.
Read List	<p>Prerequisite/Advised There are two main sources of this lecture:</p> <ol style="list-style-type: none"> 1. İsmail Doğan, Sosyoloji, Kavramlar ve Sorunlar, Ankara, Pegem A Yayıncılık, 2004, 500 s. 2. İsmail Doğan, Toplum ve Eğitim, Ankara, Pegem A Yayıncılık, 2004, 450 s. <p>Main Course Book/Other Sources All studies written in this field are possible to be used in relation with the subjects</p>

EGB 251 Introduction to Philosophy

Course Code	EGB 251
Course Title	Introduction to Philosophy
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	Second
Prerequisites	None
Local Credits	2
ECTS Credits	3
Weekly (Lectures-Practice-Laboratory)	2-0-0
Duration	1 semester
Semester	3. Semester
Examination	One mid-term exam, final exam
Assessment	Mid-term exam-30%, final exam-70%
Description	Basic concepts of philosophy, philosophy and science, work areas and role of philosophy in social science, main philosophical trends; examining approaches of philosophers in Turkey and in the world, developing philosophical perspectives, philosophy-education relationship, philosophical foundations of education and their effects to curriculum's, contemporary philosophical trends.
Course Content	
Learning Objectives	By the end of this module students will be able to: 1. To learn the main concepts of philosophy 2. Having an academic view on philosophical problems and the processes of thought 3. To analyze philosophies theories and to argue within these information on principles on life and education problems
Read List	All kind of philosophical documents and the book of history of thought

FEN 255 Environment Education

Course Code	FEN 255
Course Title	Environment Education
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	(2) Second
Prerequisites	None
Local Credits	2
ECTS Credits	3
Weekly (Lectures-Practice-Laboratory)	2-0-0
Duration	1 Semester
Semester	3. Semester
Examination	Mid-term exam, Final exam, Homework, Written Form
Assessment	Mid-term-30%, homework-20%, Final-50%
Description	The purpose of lecture is introducing environment and factors that form the necessary element for environment in which it can be lived. Learning responsibilities about environment pollution, harms and protecting environment
Course Content	Basic ecological concept and principles, ecosystems, nutrient chains, habitat, competition; associate life and mutualist life, soil "biome", energy discharge, circulation of matter, population increase, ecological effect, erosion, urban environments, behavioral pollution, environment pollution, bog and wastewater, reaction of sensitive humans, soil and water resources, protective, culture and primitive life, global glance, ecological matter and problems, environment sensitivity, foundation and establishments
Learning Objectives	. Learning living creatures' relation with surroundings . Understanding the importance of factors that form the environment and the relation between these factors . Understanding the importance of world for life . Understanding the importance of alterations that occur at their surroundings . Learning that between environment and its living and non-living factors, there is a multi-mension relation which has sensitive balance . The role of human in environment pollution . Individual necessities on environment pollution and precaution . The importance of wastes and recycling . Relation of producing and consumption with environment
Read List	1. Şahin.Y. (2002) . Ekoloji. Eskişehir. Bilim Teknik Kitapevi 2. Kışlalıoğlu. M.; Berkes, F. (1994) . Ekoloji ve Çevre Bilimleri. İstanbul Remzi Kitapevi. 3. Kocataş, A., (1996) Ekoloji (Çevre Biyolojisi). İzmir. Ege Üniversitesi 4. Ertuğ, Celal. (2001) . Yeşilden griye adım adım Türkiye. İstanbul. 5. Dölen, E., (1986) . Çevre Kirliliği

FEN 253 Science and Technology Laboratory Application I

Course Code	FEN 253
Course Title	Science and Technology Laboratory Application I
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	Second
Prerequisites	None
Local Credits	1
ECTS Credits	2
Weekly (Lectures-Practice-Laboratory)	0-2-0
Duration	1 semester
Semester	3. Semester
Examination	Mid-term exam and final exam, Oral
Assessment	Mid-term exam-30%, final exam-70%
Description	The aim and importance of laboratory in Science and Technology instruction, constructivist approach and laboratory works, safety in laboratory. Scientific method, scientific process skills and how they can be gain, experiment types. Experiments for elementary education's first stage (planning and conducting the experiment and evaluating the results).
Course Content	
Learning Objectives	By the end of this module students will be able to: <ol style="list-style-type: none">1. Understanding the importance of laboratory in Science and Technology instruction.2. Gaining laboratory skills compatible with the constructivist approach.3. Gaining skills to be able to use of scientific methods.4. Being able to manage experiments for gaining scientific process skills.
Read List	1-Prof.Dr.EKEM N., Inst.Of.ÜTENLER E.,İnv.Of. BALBAĞ Z.-ANILAN B.-GÖRGÜLÜ A. Scince-Knowledge 1 Experiment Book, Eskişehir Osmangazi University Education Faculty 2-Primary Education 4-5.Classes Scince-Knowledge Book's and CD Set's 3-Source book for science teaching, Unesco

BED 251 Physical Education and Sports Culture

Course Code	BED 251
Course Title	Physical Education and Sports Culture
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	(2) Second
Prerequisites	None
Local Credits	2
ECTS Credits	4
Weekly (Lectures-Practice-Laboratory)	1-2-0
Duration	1 Semester
Semester	3. Semester
Examination	Mid-term exam and final exam, Oral
Assessment	Mid-term exam-30%, final exam-70%
Description	The main aim of the course: Be able to grow healthy, happy, developed aspect of physical and psychological, self confident individuals who have the sense of competing amicably.
Course Content	Physical Education; Branches of sport, role of physical education and games on peoples growth, people's physiology and first aid; Gymnastic equipment and theirs
Learning Objectives	By the end of this module students will be able to: <ol style="list-style-type: none">1. Be able to obtain knowledge and have knowledge concerning teach ability order.2. Be able to strengthen all the organs and systems according to theirs suitable level3. Be able to improve physical skills, self confident and can decide quickly and timely.4. Be able to improve to nerve, muscle and joint coordinating.5. Be able to have basic knowledge, skill, manner and habits6. Be able to play and teach volleyball7. Having comprehend the benefits of sport and can be willing to spend his/her free time to do them.8. Be able to improve physical ability and learn the means of increasing durability9. Be able to have and teach basic knowledge and skill concerning basketball10. Be able to have and teach basic knowledge and skill concerning football11. Be able to work in cooperation and have attitude together habits12. Playing amicably and can appreciate the winner
Read List	<ol style="list-style-type: none">1. Okullarda Beden eğitimi(Hikmet Aracı 1999)2. Beden eğitimi ve sporda temel ilkeler (Yrd.Doc.Dr.Faruk YAMANER 2001)3. Atletizm (Mustafa İşler 1977)4. Basketbol (Prof.Dr.Yaşar Sevim 1997)

MUZ 251 Music

Course Code	MUZ 251
Course Title	Music
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	(2) Second
Prerequisites	None2
Local Credits	2
ECTS Credits	4
Weekly (Lectures-Practice-Laboratory)	1-2-0
Duration	1 Semester
Semester	3. Semester
Examination	Mid-term exam, final exam, written form.
Assessment	Mid-term exam-30%, final exam-70%
Description	Understanding music's role in education, having basic music knowledge, developing creativity by music. Knowing music's role in education, having basic skills in regard to music, having relationships with others by music.
Course Content	Music's role and content in education; basic music knowledge, the nature and aim of writing musical notes, introduction to musical instrument and voice education; play and sing together; musical hearing, reading and writing practices to develop creativity
Learning Objectives	By the end of the course students should be able to: <ol style="list-style-type: none">1. Knowing music's role in education2. Having basic music skills3. Using music at special weeks and days in primary education4. Knowing musical instruments and voice education5. Developing creativity by music6. Playing flute7. Interacting with others by music
Read List	<ol style="list-style-type: none">1. Yıldız, G. (2004) İlköğretimde Müzik Öğretimi2. Yurga, C. (2004) 20. yy. da Türkiye'de Popüler Müzik

FİZ 251 General Physics

Course Code	FİZ 251
Course Title	General Physics
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	(2) Second
Prerequisites	None
Local Credits	2
ECTS Credits	4
Weekly (Lectures-Practice-Laboratory)	2-0-0
Duration	1 Semester
Semester	3. Semester
Examination	One mid-term exam, final exam
Assessment	Mid-term exam-30%, final exam-70%
Description	The main object of the course is to provide a basic understanding of Newtonian mechanics and conservation laws, the electricity and magnetism and provide an understanding of these principles with applications from the real world .
Course Content	Measurement; vectors; motion along a straight line; motion in two and three dimensions; force and motion I; force and motion II; kinetic energy and work; conservation of energy; center of mass and linear momentum; rotation; rolling, torque and angular momentum; equilibrium and elasticity, Electric charge; electric fields; electric potential; capacitance and dielectrics; current and resistance; electromotive force and circuits; magnetic field.
Learning Objectives	By the end of this module students will be able to: <ol style="list-style-type: none"> 1. Understand vector and scalar quantities. 2. Identify, formulate, and solve problems analytically that appear in physical systems. 3. Analyze and resolve natural phenomenon. 4. Associate the gained knowledge, analyze and interpret data. 5. Apply and link the gained knowledge of natural sciences to interdisciplinary fields. 6. Correlate and apply gained knowledge directly with technology and industry.
Read List	<ol style="list-style-type: none"> 1. Kamil Temizyürek, (2005). Genel Fizik I-II, Atlas yayın dağıtım. 2. Halliday, D. , Resnick, R., & Walker, J. (2006) 6th ed. Fundamentals of Physics. New York: John Wiley & Sons, Inc. 3. Serway, R.A. (1990). Physics for Scientists and Engineers. Philadelphia: Saunders College Publishing. 4. Fishbane, P.M., Gasiorowicz, S., & Thornton, S.T. (1996). Physics for Scientists and Engineers. Prentice Hall, Inc. 5. Any equivalent physics book.

TUR 251 Turkish Language I

Course Code	TUR 251
Course Title	Turkish Language I
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	(2) Second
Prerequisites	None
Local Credits	2
ECTS Credits	2
Weekly (Lectures-Practice-Laboratory)	2-0-0
Duration	1 Semester
Semester	3. Semester
Examination	Mid-term exam and final exam, written form
Assessment	Mid-term exam % 30, final exam % 70
Description	
Course Content	Definition and the importance of language; language-culture relationship; linguistics; development phases of Turkish language; phonetics, vowels, consonants, phonetics characteristics of Turkish, morphology, origin; basic, derived and combined words; word groups, forms of words; verb, noun, adjective, pronoun, conjunction, suffix, interjection; origins of words in Turkish language.
Learning Objectives	By the end of this module students will be able to: 1. Knows language and culture relationship. 2. Knows development phases of Turkish language. 3. Knows characteristics of Turkish morphology.
Read List	Aksan, Doğan (1998) . Her Yönüyle Dil. Ankara: Türk Dil Kurumu Yayınları. Ergin, Muharrem.(1996) . Türk Dil Bilgisi. Bayrak Basım Yayım Dağıtım. Banguoğlu, Tahsin (2000) .Türkçenin Grameri. Ankara: Türk Dil Kurumu Yayınları İmla Kılavuzu, Türk Dil Kurumu Yayınları.

IV.SEMESTER

EGB 252 Instructional Technology and Material Development

Course Code	EGB 252
Course Title	Instructional Technology and Material Development
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	(2) Second
Prerequisites	None
Local Credits	3
ECTS Credits	6
Weekly (Lectures-Practice-Laboratory)	2-2-0
Duration	1 Semester
Semester	4. Semester
Examination	Mid-term exam and final exam, written form
Assessment	Mid-term exam -30%, and final exam -40%, homework 30%
Description	
Course Content	Some concepts related to instructional technology; properties of different instructional technology, place and using of instructional technology in teaching process, the determination of technological needs of school or classrooms, making of suitable technology plan and its practice, material development via instructional technology, the development of teaching tools (work sheets, activity design, overhead transparent, slides, visual aids (VCD, DVD, computer based tools), examination of educational software, evaluation of teaching tool with different quality, Internet and distance learning, principle of visual design, the investigation of activities of teaching materials, the using of teaching materials in Turkiye and on the world
Learning Objectives	By the end of this module students will be able to: <ol style="list-style-type: none">1. Basic concepts of the teaching technology and improve of material2. Basic necessity for the teaching technology and improve of material3. Dimension of teaching technology4. New forms of teaching technology5. Basic principle and philosophy of education technology6. Basic principle and philosophy of new technology7. Theoretical principles of the learning and teaching process8. Teaching exercise based on technology9. To improve material10. To use material11. To prepare of learning and teaching situation in primary education12. Quality of teacher in use of technology13. To prepare of learning and teaching situation in primary education14. Evaluating of material and tecnologys.
Read List	<ol style="list-style-type: none">1. Özcan, Demirel, Esed Yağcı, Sadi Seferoğlu (1998). Öğretim Teknolojileri ve Materyal Geliştirme. Pegem Yayıncılık.2. Çilenti, Kamuran (1998). Eğitim Teknolojileri ve Öğretim. Ankara: Pegem Yayıncılık.3. Alkan, Cevat (1998). Eğitim Teknolojileri. Ankara: Pegem Yayıncılık.4. Yanpar Şahin, Tuğba., Yıldırım, Soner (2000). Öğretim Teknolojileri ve Materyal Geliştirme. Ankara: Pegem Yayıncılık.5. Tekin, Halil (2000). Eğitimde Ölçme ve Değerlendirme. Ankara: Nobel Yayıncılık.6. Turgut, Fuat (2000). Eğitimde Ölçme ve Değerlendirme. Ankara: Nobel

	<p>Yayıncılık.</p> <p>7. Özçelik, Ali (1999). Test Hazırlama. Ankara: OSYM yay.</p> <p>8. Özçelik, Ali (1999). Eğitimde Ölçme ve Değerlendirme. Ankara: OSYM yay.</p> <p>9. Senemoğlu, Nuray (2002). Gelişim ve Öğrenme. Ankara: Anı Yayıncılık</p>
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GSA 254 Methods of Technical Writing

Course Code	GSA 254
Course Title	Methods of Technical Writing
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	(2) Second
Prerequisites	None
Local Credits	2
ECTS Credits	3
Weekly (Lectures-Practice-Laboratory)	1-2-0
Duration	1 Semester
Semester	4. Semester
Examination	Mid-term exam and final exam, application studies
Assessment	Mid-term exam-40%, final exam-60 %
Description	The main object of the course is to teach art of writing
Course Content	Art of writing concept, artistic writing methods and techniques, capital letters, small letters; italic capital letters and writing direction, script italic writing, small letters and directions, writing of numerals and remarks, script, straight (normal) and italic hand writing with capital and small letters, text formation with straight (normal) and script hand writing , different decorative and antiq writing applications, legibly writing applications
Learning Objectives	<p>By the end of this module students will be able to:</p> <ol style="list-style-type: none"> 1. Material knowledge. 2. Espas and application. 3. Pen use shapes and apply. 4. Application study of upright, main capital and small letters are accepted. 5. Adjacent, italic writing study is accepted. 6. Writing study with 'divit' apply. 7. Decoratif writings application studies. 8. Get a recognition of the need for, and an ability to engage in life-long learning 9. Gain a knowledge of contemporary issues.
Read List	<ol style="list-style-type: none"> 1. Yazı Yazma Tekniği ve Yazı Örnekleri, Robert SHAW, İnkılap Ya. 2. Yazı Dersi Alıştırma Kitabı, Mehmet TURGUT, Bilgi-başarı Ya.

BED 252 Teaching Music

Course Code	BED 252
Course Title	Teaching Music
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	(2) Second
Prerequisites	None
Local Credits	2
ECTS Credits	3
Weekly (Lectures-Practice-Laboratory)	1-2-0
Duration	1 Semester
Semester	4. Semester
Examination	Mid-term exam, final exam, written form.
Assessment	Mid-term exam-30%, final exam-70%
Description	Recognizing and attending musical attractions, knowing music history and different cultures, developing musical skills and having musical skills related with units. Attending to studies in regard to recognizing music elements, listening, singing and composing; knowing music history, knowing different cultures musical structures, is developing musical skills, being able to make music suitable with units.
Course Content	Recognizing music elements, listening, singing and composing studies; historical view to music, musical structures in other cultures, developing musical skills; instrument, voice and musical note education, Subjects suitable with units, play based children music's.
Learning Objectives	By the end of the course students should be able to: <ol style="list-style-type: none">1. Recognizing musical elements2. Attending musical studies3. Knowing music history4. Knowing musical structure of other cultures5. Developing musical skills6. Playing flute7. Interacting with others by music
Read List	<ol style="list-style-type: none">1. Yıldız, G. (2004) İlköğretimde Müzik Öğretimi2. Yurga, C. (2004) 20. yy. da Türkiye'de Popüler Müzik

MUZ 252 Physical Education and Teaching Games

Course Code	MUZ 252
Course Title	Physical Education and Teaching Games
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	(2) Second
Prerequisites	None
Local Credits	2
ECTS Credits	3
Weekly (Lectures-Practice-Laboratory)	1-2-0
Duration	1 Semester
Semester	4. Semester
Examination	Mid-term exam and final exam, Oral
Assessment	Mid-term exam-30%, final exam-70%
Description	The main aim of the course : The ability of growing health, happy, developed aspect of physical and psychological, self confident individuals who have the sense competing amicably.
Course Content	Primary schools first stage physical education's targets principles, contests, course materials motor skills educating, educational games, athletics, gymnastic, teaching and learning procedures with modern folk dances planning of the studies and evaluation.
Learning Objectives	By the end of this module students will be able to: <ol style="list-style-type: none">1. Having knowledge concerning course order.2. The ability of strengthen all the organs and systems according to their suitable level3. Improving physical skills.4. Improving nerve, muscle and joint coordinating.5. Explaining Atatürk's words on sport and sportsmen6. Having basic knowledge skill manner and habit about sport7. Playing volleyball and learning its rules8. Having comprehend the benefits of sport and can be willing to spent his/her free time to do them9. Improving physical ability and learn the means of increasing durability10. Having learned basic knowledge skill, manner and habits about sport11. Knowing the student with educational game, directing them to the positive way12. Learning and teaching athletics benefits on growing13. How learning important of helping with team games and teaching team spirit to the students14. Having basic knowledge, skill, manner and habits racing amicable and appreciating the winner15. Learning and teaching how should physical education and sport be processed,

	planning and evaluating
Read List	<ol style="list-style-type: none"> 1. Okullarda Beden eğitimi(Hikmet Aracı 1999) 2. Beden eğitimi ve sporda temel ilkeler (Yrd.Doc.Dr.Faruk YAMANER 2001) 3. Atletizm (Mustafa İşler 1977) 4. Basketbol (Prof.Dr.Yaşar Sevim 1997)

TUR 254 Children's Literature

Course Code	TUR 254
Course Title	Children's Literature
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	(2) Second
Prerequisites	None
Local Credits	2
ECTS Credits	2
Weekly (Lectures-Practice-Laboratory)	2-0-0
Duration	1 Semester
Semester	4. Semester
Examination	Mid-term exam, final exam and project , written form.
Assessment	Mid-term exam-30%, final exam-70%
Description	The main object of the course is to introduce the children's literature.
Course Content	The development of children's literature in Turkey and on the world. Importance of introduction of qualified children's books in the childhood stage and function of children' literature works on growing person who is thinking and sensitive and has reading culture, analyzing of features of children's literature with examples (design, theme and educational) Showing of unqualified children's books with examples and arguing of bad effects on children's development. The studies on acceptability of books which are read and examined by teacher applicants to the age of children and the study to determine the contribution of these books on development of children. to determine of contribution of literature types (story, iliad, poem, short story, tale, novel, etc.) and linguistic tools (tongue twister, enigma etc.) for children on development of children.
Learning Objectives	By the end of the course students should be able to: <ol style="list-style-type: none"> 1. Know about Turkish and foreign children's and youth literature writers 2. Be acknowledged on children's and youth books 3. Evaluate qualified and non-qualified books 4. Recommend appropriate books for each age group
Read List	<ol style="list-style-type: none"> 1- Selected books from Turkish and foreign children's and youth literature writers. 2- Sever, S. (2000). Çocuk ve Edebiyat. Ankara: Kök Yayıncılık. 3- Kıbrıs, İ. (2006). Çocuk Edebiyatı. Ankara: Tek Ağaç. 4- Gültekin, A. (Yayıma Hazırlayan). Çocuk edebiyatına ve Çocuk Hekimliğine Yansıyan Şiddet Sempozyumu. Eskişehir Osmangazi Üniversitesi yayımları. Eskişehir. 2003.

TUR 252 Turkish Language II

Course Code	
Course Title	Turkish Language II
Instructor's Name	Lecturer Pınar GİRMEN
Academic Cycle	Bachelor
Year of Study	(2) Second
Prerequisites	None
Local Credits	2
ECTS Credits	2
Weekly (Lectures-Practice-Laboratory)	2-0-0
Duration	1 Semester
Semester	4. Semester
Examination	Mid-term exam and final exam, application studies
Assessment	Mid-term exam % 30, final exam % 70
Description	Transitif and intransitif in Turkish language. Active causative, reflexive voice, reciprocal middle in Turkish language. Word groups, sentence varieties; basic and compound sentences. Word and sentence analysis. Noun and verb sentences. Determinative group properties.
Course Content	
Learning Objectives	1 Word 2 Kinds of words. 3 Word groups. 4 Sentence 5 Kinds of sentence 6 Analyzing sentences and texts
Read List	1 Aksan, Doğan (1998) . Her Yönüyle Dil. Ankara: Türk Dil Kurumu Yayınları. 2 Ergin, Muharrem.(1996) . Türk Dil Bilgisi. Bayrak Basım Yayın Dağıtım. 3 Banguoğlu, Tahsin (2000) . Türkçenin Grameri. Ankara: Türk Dil Kurumu Yayınları 4 İmla Kılavuzu , Türk Dil Kurumu Yayınları.

BAY 252 Art Education

Course Code	BAY 252
Course Title	Art Education
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	Second
Prerequisites	None
Local Credits	2
ECTS Credits	3
Weekly (Lectures-Practice-Laboratory)	1-2-0
Duration	1 semester
Semester	4. Semester
Examination	Mid-term exam and final exam, written form
Assessment	Mid-term exam-30%, final exam-70 %
Description	The main object of the course is to introduce art and to teach basic concepts related to art.
Course Content	Aspect of theory of art in philosophy, apprehension of theoretical and experimental aspects of knowledge and experience in art, critical thinking and review on art history and philosophy, evaluation, conclusion of art's theories using science and technology, educational functions of art, distinguish of art object and industrial object, to gain reading skill of works of art belong to different disciplines using artistic activities and events, to gain knowledge and experience related to exhibition halls , creativeness concept, creative person and his/her features, art process.
Learning Objectives	<ol style="list-style-type: none">1. Student will be able to define art in general meaning and in special meaning.2. Student will be able to arrange in order functions of art and picture3. Student will be able to do separation in art an nature.4. Student will be able to do separation between beautiful real good and high concepts.5. Student will take idea about terms and current in Europe art.6. Student will be able to do criticism about art work and picture art.7. Student will be able to do seperation diferences of picture from other arts.8. Student will be able to do child picture's criticism and assessment9. Student will take knowedge about art education and ways.10. Student will practice four basis dissciplines in art education in teacher life.
Read List	<ol style="list-style-type: none">1. Sanat Eğitimi Kuramları ve Yöntemleri, Kazım ARTUT, Anı ya.2. Sanata Giriş ve Estetik, A.Ü. Açıköğretim Fak. ya.3. Sanat Eğitimi Kuramları, İnci SAN, Ütopya ya.4. Sanat Eğitimi, A.Ü. Açıköğretim ya.5. Sanat Eserlerini İnceleme, A.Ü. Açıköğretim ya.6. Estetik, İsmail TUNALI, Cem ya.

	7. Resim Eleştirisi Üzerine, Sıtkı M. Erinc, Hil ya
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FEN 254 Geography of Turkey and Geopolitics

Course Code	FEN 254
Course Title	Geography of Turkey and Geopolitics
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	Second
Prerequisites	None
Local Credits	3
ECTS Credits	4
Weekly (Lectures-Practice-Laboratory)	3-0-0
Duration	1 semester
Semester	4. Semester
Examination	Mid-term exam, Seminar, Final exam.
Assessment	Mid-term exam-35 %, Seminar-15 %, Final exam-50%
Description	The place and Of Turkey, geopolitics and geostrategic place of Turkey and its features, mathematical place characteristics of Turkey, special place characteristics (neighbours), countries group characteristics (political, military, economics, cultural organizations). Physical features of Turkey (climate, hidrographic characteristics, soil structure,), socio-economic characteristics (population, agriculture,,, energy,,, tourism).
Course Content	
Learning Objectives	<p>A theoretical understanding of the general geographical characteristics of Turkey will be provided and the topics covered will form a basis for the relevant courses that are more advanced.</p> <p>Students will intergrate the knowledge gained from the course with the other disciplines of their study area and enhance their professional skills.</p> <p>Presenting and writing a short scientific report will enable students to be acquainted with the elements of writing, using scientific citations and reviewing scientific reports through both conventional library research and web pages.</p>
Read List	<p>Türkiye Coğrafyası, (Fiziki-Beşeri-Ekonomoik-Jeopolitik). C.Şahin, H. Doğanay, N.A.Özcan. Gündüz Eğitim ve Yayıncılık, Ankara. 510 s.</p> <p>Türkiye I, II. R. İzbirak. C.Kurnaz. Milli Eğitim Bakanlığı Yayınları, Öğretmen Kitapları Dizisi. 920 s.</p>

SOS 270 Scientific Resesarch Methods

Course Code	SOS 270
Course Title	Scientific Resesarch Methods
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	Second
Prerequisites	None
Local Credits	2
ECTS Credits	2
Weekly (Lectures-Practice-Laboratory)	2-0-0
Duration	1 semester
Semester	4. Semester
Examination	One mid-term exam, Project, final exam
Assessment	Mid-term exam-30%, project % 30, final exam -40%
Description	
Course Content	Science and basic concepts (phenomena, knowledge, right, wrong and absolute knowledge), principle knowledge of science history, structure of scientific research, scientific methods and different aspects to scientific methods, problem, research model, population and sampling, collecting data and data collection methods (Qualitative and Quantitative data colection methods), recording, analising, interpreting and reporting data.
Learning Objectives	By the end of this module students will be able to: <ol style="list-style-type: none">1. Knowing basic concepts of science and scientific methods2. Learning different aspects of scientific methods3. Understanding scientific research methods4. Improving the ability of doing scientific research
Read List	<ol style="list-style-type: none">1. Karasar, N. (2003). <i>Bilimsel Araştırma Yöntemi</i> (12. Basım), Ankara: Nobel Yayıncılık.2. Yıldırım A. ve Şimşek H. (2005). <i>Sosyal Bilimlerde Nitel araştırma Yöntemleri</i>, Ankara: Seçkin yayıncılık.3. Lodico, M. G., Spauldind, D. T. Ve Voegtler, K. H. (2006). <i>Methods in Educational Research from Theory to Practice</i>, San Francisco, CA: Wiley Imprint.

GSA 252 Science and Technology Laboratory Application II

Course Code	GSA 252
Course Title	Science and Technology Laboratory Application II
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	Second
Prerequisites	None
Local Credits	1
ECTS Credits	2
Weekly (Lectures-Practice-Laboratory)	0-2-0
Duration	1 semester
Semester	4. Semester
Examination	Mid-term exam and final exam, Oral
Assessment	Mid-term exam-30%, final exam-70%
Description	Experiments for elementary education's first stage (planning and conducting the experiment and evaluating the results). Experiment work sheets and preparing experiment reports. Group working, experiment samples which are able to implement with basic equipments.
Course Content	
Learning Objectives	By the end of this module students will be able to: <ol style="list-style-type: none">1. Understanding the importance of laboratory in Science and Technology instruction.2. Gaining laboratory skills compatible with the constructivist approach.3. Gaining skills to be able to use of scientific methods.4. Being able to manage experiments for gaining scientific process skills.
Read List	1-Prof.Dr.EKEM N., Inst.Of.ÜTENLER E.,İnv.Of. BALBAĞ Z.-ANILAN B.-GÖRGÜLÜ A. Scince-Knowledge 1 Experiment Book, Eskişehir Osmangazi University Education Faculty 2-Primary Education 4-5.Classes Scince-Knowledge Book's and CD Set's 3-Source book for science teaching, Unesco

V.SEMESTER

EGB353 Classroom Management

Course Code	EGB353
Course Title	Classroom Management
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	(3) Third
Prerequisites	None
Local Credits	2
ECTS Credits	4
Weekly (Lectures-Practice-Laboratory)	2-0-0
Duration	1 Semester
Semester	5. Semester
Examination	Mid-term exam and final exam, written form
Assessment	Mid-term exam-40%, final exam-60%
Description	To know the contemporary approaches in classroom management, to improve skills of classroom activities and educational leadership. To evaluate the classroom management practices in Turkey and abroad.
Course Content	Basic concepts related to classroom management, communication and interaction in classroom, definition of classroom management, properties of classroom management and its difference from classroom discipline, interior and exterior effects on classroom, models of classroom management, development of rules in classroom and application, organizing of classroom physically, management of undesirable behaviors in classroom, management of time in classroom, organization of classroom, to form the constructive classroom which is suitable for learning (examples and suggestions).
Learning Objectives	<ol style="list-style-type: none"> 1. New approaches in classroom management 2. Basic concepts of classroom management 3. The main dimensions of classroom management 4. The qualifications of educational environment 5. Teaching methods and techniques 6. Planning and controlling teaching 7. Time management 8. Management of behaviour 9. The basic concepts of personality 10. Communication in general 11. Communication to students 12. Communication to parents 13. Case studies on communication 14. Motivation 15. The main qualification of being model teacher 16. Leadership in classroom.
Read List	<ol style="list-style-type: none"> 1. Aydın, A. (2005). Sınıf Yönetimi. Ankara: Eylül yayınevi 2. Başar, H. (2005). Sınıf Yönetimi. Ankara: Anı yayıncılık 3. Levin, J. and Nolan J.F. (2000). Principles of Classroom Management. Allyn and Bicon

DRA351 Drama in Elementary Education

Course Code	DRA351
Course Title	Drama in Elementary Education

Instructor's Name	
Academic Cycle	Bachelor
Year of Study	(3) Third
Prerequisites	None
Local Credits	3
ECTS Credits	5
Weekly (Lectures-Practice-Laboratory)	2-2-0
Duration	1 Semester
Semester	5. Semester
Examination	Mid-term exam, final exam written form.
Assessment	Mid-term exam-40%, final exam-60%
Description	Creative drama is a subject that aim to facilitate students with necessary skills for practice and theory in creative drama.
Course Content	The course contains to study, various techniques of creative drama in education and its esthetical and educational dimensions accor. The aims of that course are; to help teacher candidates to develop positive attitudes towards creative drama, to help teacher candidates to comprehend main parts of creative drama in education.
Learning Objectives	By the end of the course students should be able to: <ul style="list-style-type: none"> 1. Knowing creative drama steps. 2. Being able to apply creative drama steps. 3. Being a leader of creative drama. 4. Knowing evaluate creative drama.
Read List	<ul style="list-style-type: none"> 1. MEB,(2004). İlköğretim Drama 1. Ankara: MEB Yayınevi. 2. Önder, Alev (2006). İlköğretimde Yaratıcı Drama. İstanbul: Morpa Yayınları. 3. Üstündüğ, Tülay (2002).Yaratıcı Drama Öğretmenin'in Günlüğü. Ankara.

MAT365 Teaching Mathematics-I

Course Code	MAT365
Course Title	Teaching Mathematics-I
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	(3) Third
Prerequisites	None
Local Credits	3
ECTS Credits	4
Weekly (Lectures-Practice-Laboratory)	3-0-0
Duration	1 Semester
Semester	5. Semester
Examination	Mid-term exam, final exam and project, written form.
Assessment	Mid-term exam-30%, Project-20% and final exam-50%

Description	The main of the course is to introduce students to a range of teaching methods employed in the field of mathematics education and how to evaluate the strengths and weaknesses of different teaching methods.
Course Content	Historical development of teaching mathematics, teaching methods in mathematics education, learning-teaching process, primary mathematics education program, adaptations of general teaching methods to mathematics education, special teaching methods and strategies in mathematics education, measure and evaluate in mathematics education, problem solving, concept of number, natural numbers, basic operations with natural numbers.
Learning Objectives	By the end of the course students should be able to: <ol style="list-style-type: none"> 1. Understand the importance of teaching mathematics, 2. Be conversant with teaching strategies in mathematics education, 3. Have knowledge about the primary mathematics education program, 4. Be conversant with both teaching methods and mathematics education, 5. Gain techniques and skills to measure and evaluate in mathematics education, 6. Design suitable lectures for primary mathematics education program 7. Have knowledge about problem solving, 8. Be conversant with teaching numbers.
Read List	1- Altun, M.(2005) . Matematik Öğretimi (1-5. sınıflar). Aktüel Yayıncılık. 2- Baykul, Y.(2005) . Matematik Öğretimi (1-5. sınıflar). Pegem A Yayıncılık. 3- Ersoy, Y. ve diğerleri.(1991) . Matematik Öğretimi. Anadolu Üniv. Yayınları. 4- Olkun, S. ve Toluk Uçar, Z.(2000) . Etkinlik Temelli Matematik Öğretimi. Anı Yayıncılık.

TUR351 Teaching Of Reading And Writing In Elementary Education

Course Code	TUR351
Course Title	Teaching Of Reading And Writing In Elementary Education
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	(3) Third
Prerequisites	None
Local Credits	3
ECTS Credits	4
Weekly (Lectures-Practice-Laboratory)	3-0-0
Duration	1 Semester
Semester	5. Semester
Examination	Mid-term exam, final exam and presentation , written form.
Assessment	Mid-term exam-30%, presentation -30%, final exam-40%
Description	The main object of the course is to introduce art and to teach basic concepts related to art
Course Content	Listening, speaking, visual reading and visual presentation, relation between definition and

	process of learning fields of reading-writing and learning fields, features of Turkish, the effects of these features on first reading and writing, aims and principle of teaching of first reading and writing, basic features of students and teacher of first class in elementary school, the reason of nonproductiveness and failure in the teaching of first reading and writing, equipment-tools used in the teaching of first reading and writing (properties and their effects, choosing formation and using of these tools); the methods used in the teaching of first reading and writing, (definitions, features, classifying, applications, advantages and border of methods); sound based sentence method (definition, principles, features, stages and applications), application of teaching of first reading and writing using sound based sentence method stages.
Learning Objectives	By the end of the course students should be able to: 1-understand the basic concept in reading and writing 2-understand the process of learning to reading and writing 3-knowing aims of reading and writing 4-understand approach and method in learning reading and writing 5-understand the characteristics of child language 6-comprehending voice and learning of them 7-the ability of choosing Material and to use of them 8-preparing evaluation materials and instructional design in Turkish course 9-comprehending analyzing and synthesing methods 10-comprehending Text based teaching reading and writing 11-using play for teaching reading and writing
Read List	1. Akyol, H. (2005) Türkçe İlkokuma Yazma Öğretimi, Ankara: PegemA Yayıncılık 2. Kılıç, A. (2003) Kuramdan Uygulamaya İlkokuma yazma Öğretimi, Ankara: PegemA Yayıncılık. 3. Köksal, K. (2002) İlkokuma Yazma Öğretimi, Ankara: PegemA Yayıncılık. 4. Öz, F. (2002) Uygulamalı İlkokuma Yazma Öğretimi 5. Güleryüz, H. (2001) Programlı İlkokuma Yazma Öğretimi. 6. Keskinçilç, K. (2005), İlkokuma Yazma Öğretimi, Ankara: Nobel Yayıncılık.

FEN363 Teaching Science and Technology I

Course Code	FEN363
Course Title	Teaching Science and Technology I
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	(3) Third
Prerequisites	None
Local Credits	3
ECTS Credits	4
Weekly (Lectures-Practice-Laboratory)	3-0-0
Duration	1 Semester
Semester	5. Semester
Examination	Mid-term exam and final exam, written form
Assessment	Mid-term exam-40%, final exam-60 %
Description	
Course Content	Science Education and basic concepts, science, technology, scientific knowledge and speciality of scientific technic, science and technology literacy, connection of science, technology, society and environment, attitude of science, goals of science education,

	historical development of science education in Turkey and The World, constructivism and science education, cognitive development and science education, scientific development and science education, speciality of science and technology curriculum and relationship of other discipline, development cognitive process and sample applications
Learning Objectives	<ol style="list-style-type: none"> 1. Creating experiences for modern principles of science and contemporary knowledge related with children's nature 2. Connecting with scientific knowledge which is learned in classroom and real life problems and gaining various instructional strategies for children's supporting to develop creative and critical thinking skills, decision making processes, problem solving abilities in future life 3. Planning learning experiences for student motivation and learning and teaching experience consistent with questioning and discovering by self.
Read List	<ol style="list-style-type: none"> 1. İnternet Kaynakları. 2. İLKÖĞRETİM FEN ÖĞRETİMİ, YÖK/DÜNYA BANKASI Milli Eğitimi Geliştirme Projesi Hizmet Öncesi Öğretmen Eğitimi, Öğretmen Eğitimi Dizisi.

SOS367 Teaching Life Informations

Course Code	SOS367
Course Title	Teaching Life Informations
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	Third
Prerequisites	None
Local Credits	3
ECTS Credits	4
Weekly (Lectures-Practice-Laboratory)	3-0-0
Duration	1 semester
Semester	5. Semester
Examination	Mid-term exam, final exam and project ,homework,written form.
Assessment	Mid-term exam-30%, homework 20%, final exam-50%
Description	
Course Content	National Education's objectives oriented towards to be a good citizen; lower primary education, citizenship education; physiologic factors effecting social science course education; materials, instruction principles and methods and techniques using in social science courses.
Learning Objectives	<p>By the end of the course students should be able to:</p> <ol style="list-style-type: none"> 1. Understanding Social Science Courses and real life relationships. 2. Knowing the importance of making plan. 3. Learning basic principles of Social Science courses. 4. Understanding instructional principles, methods and techniques for Social Science courses. 5. Being able to make practices related with units. 6. Knowing physical, cognitive and affective characteristics of primary school students and understanding the relationship between these characteristics and course instruction.

Read List	<ol style="list-style-type: none"> 1. Güngördü, Ersin. İlköğretimde Hayat Bilgisi ve Sosyal Bilgiler Öğretimi. Nobel Yaymevi,2002 2. MEB, İlköğretim Hayat Bilgisi Dersi Öğretim Programı Kılavuzu. 2006. 3. MEB, İlköğretim Sosyal Bilgiler Dersi Öğretim Programı Kılavuzu. 2006. 4. Öztürk, C. Hayat Bilgisi ve Sosyal Bilgiler Öğretimi. Pegem Yayıncılık, 2002. 5. Saban, Ahmet. Öğrenme Öğretme Süreci. Nobel Yaymevi, 2002. 6. Senemoğlu, Nuray. Gelişim Öğrenme ve Öğretim Kuramdan Uygulamaya. Gazi Kitabevi, 2002. 7. Sönmez, Veysel. Hayat Bilgisi ve Sosyal Bilgiler Öğretimi Öğretmen Kılavuzu. AnYayıncılık,2005.
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EGB351 Measurement and Evaluation

Course Code	EGB351
Course Title	Measurement and Evaluation
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	Third
Prerequisites	None
Local Credits	3
ECTS Credits	5
Weekly (Lectures-Practice-Laboratory)	3-0-0
Duration	1 semester
Semester	5. Semester
Examination	One mid-term exam, final exam
Assessment	Mid-term exam-40%, final exam-60%
Description	
Course Content	Place and importance of measurement and evaluation in education, basic concepts related to measurement and evaluation, quality of measurement equipment (safety, validity, usefulness), measurement equipment used in education and their properties, equipment based on traditional approaches (written exam, quiz, right –wrong testing, multiple choice testing , oral exam, home works), the techniques to know the students profile (observation, conversation, performance evaluation, student product file, research papers, research projects, coequal evaluation, self evaluation, attitude scales), basic statistical calculation on measurement results, evaluation of learning output, grade, development of measurement tools related to his/her field.
Learning Objectives	
Read List	

VI.SEMESTER

EGB354 School Experience I

Course Code	EGB354
Course Title	School Experience I
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	(3) Third
Prerequisites	None
Local Credits	3
ECTS Credits	5
Weekly (Lectures-Practice-Laboratory)	1-4-0
Duration	1 Semester
Semester	6. Semester
Examination	Mid-term exam, final exam
Assessment	Mid-term exam-40%, final exam-60%
Description	The main purpose of the course is to show the school, students and teacher vacation to teacher candidates with the help of a teacher and To know teacher characteristics and to know the basic skills related with teaching.
Course Content	It recommended that basic activities should be studied in this course . School, School administration,daily school activities, group activities, a day in school for a student, a day in a school for a teacher, school family cooperation, observation of basic and sub subjects of course,school and problems, course materials and written kaynaklar and different aspects of teacher vocation.
Learning Objectives	By the end of the course students should be able to: <ol style="list-style-type: none"> 1. To prepare a semestr plan. 2. To know a day in school for a teacher 3. To know a day in school for a student, 4. To know teaching Methods 5. To know the process of a courses 6. To understand the course administration and control 7. To learn asking the question tecnics 8. To know school materials 9. To know school principals and school rules 10. To know school and society relations 11. To use mikro- teaching technics
Read List	1. The Book of School- Faculty Cooperation (1998) , YOK

MAT366 Teaching Mathematics-II

Course Code	MAT366
Course Title	Teaching Mathematics-II
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	(3) Third
Prerequisites	None

Local Credits	3
ECTS Credits	4
Weekly (Lectures-Practice-Laboratory)	3-0-0
Duration	1 Semester
Semester	6. Semester
Examination	Mid-term exam, final exam and project, written form.
Assessment	Assessment: Mid-term exam-30%, Project-20% and final exam-50%
Description	The main of the course is to introduce students to a range of teaching methods employed in the field of mathematics education and how to evaluate the strengths and weaknesses of different teaching methods.
Course Content	Fractions, students' misconceptions about learning fractions, different meanings of fractions, fraction models, equality, compare, set up in order, operations with fractions, decimal fractions, operations with decimal fractions, suitable activity examples for targets of programme, geometry, development of geometric thinking of children, teaching 2 and 3-dimensional geometry concepts, suitable activity examples for targets of geometry in programme, measure, development of thinking about measure of children, dimension, field, volume, time measures, weigh, money, suitable activity examples for targets of measure in programme, data management, tables and graphics, suitable activity examples for targets of data in programme, measure and evaluation in mathematics education, multiple measure and evaluation techniques.
Learning Objectives	By the end of the course students should be able to: <ol style="list-style-type: none"> 1. Understand the importance of teaching mathematics, 2. Be conversant with teaching strategies in mathematics education, 3. Have knowledge about teaching fractions and rational numbers, 4. Be conversant with both collecting data and basic principles of statistics and probability, 5. Gain techniques and skills to measure and evaluate in mathematics education, 6. Have knowledge about computer added mathematics education.
Read List	1- Altun, M.(2005) . Matematik Öğretimi (1-5. sınıflar). Aktüel Yayıncılık. 2- Baykul, Y.(2005) . Matematik Öğretimi (1-5. sınıflar). Pegem A Yayıncılık. 3- Ersoy, Y. ve diğerleri.(1991) . Matematik Öğretimi. Anadolu Üniv. Yayınları. 4- Olkun, S. ve Toluk Uçar, Z.(2000) . Etkinlik Temelli Matematik Öğretimi. Anı Yayıncılık.

TUR352 Methods Of Turkish Teaching

Course Code	TUR352
Course Title	Methods Of Turkish Teaching
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	(3) Third
Prerequisites	None
Local Credits	3

ECTS Credits	5
Weekly (Lectures-Practice-Laboratory)	3-0-0
Duration	1 Semester
Semester	6. Semester
Examination	Mid-term exam, final exam and project ,homework, written form.
Assessment	Mid-term exam-20%, project-15%, homework 15%, final exam-50%
Description	
Course Content	Developing reading, writing, listening, speaking and understanding skills; diagnosing and threading reading disables; structure of reading texts, reading and writing between texts, questions and questions types related with texts; developing critical thinking by reading and writing, quick reading techniques, instruction of main idea and their methods, aims of reading, types and principles of reading; evaluation of reading, writing, listening, speaking and understanding; Turkish course curriculum.
Learning Objectives	By the end of the course students should be able to: <ol style="list-style-type: none"> 1. Developing reading, writing, listening, speaking and understanding skills. 2. Understanding diagnosing and threading reading disables. 3. Explaining reading texts structure. 4. Understanding the rules related with texts. 5. Developing critical thinking by reading and writing skills. 6. Understanding quick reading techniques. 7. Using main idea instruction and methods. 8. Understanding reading, writing, listening, speaking and understanding evaluation 9. Understanding reading aims types and principles. 10. Recognizing Turkish course curriculum
Read List	<p>AKYOL, Hayati. Türkçe İlkokuma Yazma Öğretimi. Pegem Yayıncılık, 2005.</p> <p>DEMİREL Özcan. Türkçe Öğretimi. Pegem Yayıncılık, 2003.</p> <p>MEB. Türkçe Dersi Öğretim Programı ve Kılavuzu. 2006.</p> <p>KESKİNKILIÇ, K. ve BİLGE K. Türkçe'nin Temel Becerileri ve İlkokuma Yazma Öğretimi. Asil Yayıncılık, 2005.</p> <p>SEVER Sedat. Tam Öğrenme ve Türkçe Öğretimi. Anı yayıncılık, 2003.</p> <p>YANGIN, Banu. İlköğretimde Türkçe Öğretimi. MEB Yayınları, 1999.</p>

FEN364 Teaching Science and Technology II

Course Code	
Course Title	Teaching Science and Technology II
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	(3) Third
Prerequisites	None

Local Credits	3
ECTS Credits	4
Weekly (Lectures-Practice-Laboratory)	3-0-0
Duration	1 Semester
Semester	6. Semester
Examination	Mid-term exam and final exam, written form
Assessment	Mid-term exam-40%, final exam-60 %
Description	Analyze and apply one of the methods for teaching used in science.
Course Content	Application of methods for teaching in science
Learning Objectives	<ol style="list-style-type: none"> 1. Student's and teacher's role in active learning. 2. Methods used in active learning. 3. Selection of unit and preparation of content. 4. Making experiments in unit.
Read List	<ol style="list-style-type: none"> 1. İnternet Kaynakları. 2. Açıkgöz, K. Ü. (2003). Aktif Öğrenme. 3. Konu ile ilgili tüm eğitim kitapları. 4. Demirel, Ö. (Ed). (2005). Eğitimde Yeni Yönelimler, Pegem A Yayıncılık. 5. Active learning. Sherrie L. Nist Jodi Holschuh. 6. 50 Active Learning Strategies for Improving Reading Comprehension.

SOS368 Teaching Social Informations

Course Code	SOS368
Course Title	Teaching Social Informations
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	Third
Prerequisites	None
Local Credits	3
ECTS Credits	5
Weekly (Lectures-Practice-Laboratory)	3-0-0
Duration	1 semester
Semester	6. Semester
Examination	Mid-term exam, final exam and project ,homework,written form
Assessment	Mid-term exam-30%, homework 20%, final exam-50%
Description	Learning activities and strategies in Social Science courses, developing instructional materials. Special subjects and learning areas in Social Science. The place of Social Science

	in primary education. Study with Social Science instruction program. Democracy, human rights education in Social Science.
Course Content	
Learning Objectives	By the end of the course students should be able to: <ol style="list-style-type: none"> 1. Being able to carrying out of Social Science Courses. 2. Preparing learning environment. 3. Applying instructional strategies, methods and techniques. 4. Being able to planning effectively. 5. Knowing new approaches using in Social sciences instruction. 6. Knowing Social Science instruction program.
Read List	<ol style="list-style-type: none"> 1. Güngördü, Ersin. İlköğretimde Hayat Bilgisi ve Sosyal Bilgiler Öğretimi. Nobel Yayınevi,2002 2. MEB, İlköğretim Hayat Bilgisi Dersi Öğretim Programı Kılavuzu. 2006. 3. MEB, İlköğretim Sosyal Bilgiler Dersi Öğretim Programı Kılavuzu. 2006. 4. Öztürk, C. Hayat Bilgisi ve Sosyal Bilgiler Öğretimi. Pegem Yayıncılık, 2002. 5. Saban, Ahmet. Öğrenme Öğretme Süreci. Nobel Yayınevi, 2002. 6. Senemoğlu, Nuray. Gelişim Öğrenme ve Öğretim Kuramdan Uygulamaya. Gazi Kitabevi, 2002. 7. Sönmez ,Veysel. Hayat Bilgisi ve Sosyal Bilgiler Öğretimi Öğretmen Kılavuzu. AnYayıncılık,2005.

THU352 Social Maintenance Practice

Course Code	THU352
Course Title	Social Maintenance Practice
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	Third
Prerequisites	None
Local Credits	2
ECTS Credits	4
Weekly (Lectures-Practice-Laboratory)	1-2-0
Duration	1 semester
Semester	6. Semester
Examination	One mid-term exam, final exam
Assessment	Mid-term exam-40%, final exam-60%
Description	
Course Content	Importance of social maintenance, to determine the daily problems of society and to prepare the project to solve them, to attend scientific activities like panel, conference, symposium as audience, speaker or organizer, to be voluntary in the different projects in the frame of social responsibility, to gain basic knowledge and skills to be able to apply the social maintenance in the schools.
Learning Objectives	
Read List	

EGB352 Early Childhood Education

Course Code	EGB352
Course Title	Early Childhood Education
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	Third
Prerequisites	None
Local Credits	2
ECTS Credits	3
Weekly (Lectures-Practice-Laboratory)	2-0-0
Duration	1 semester
Semester	6. Semester
Examination	Mid-term exam and final exam, written form.
Assessment	Mid-term exam-35%, project-15%, inal exam-50 %
Description	
Course Content	Early childhood concept, early childhood in Turkey and in the World and preschool education, definition, principles, importance and usefulness of preschool education, basic leading approaches of preschool education and historical development of preschool education, current situation of preschool education in Turkey and in the World, basic characteristics and nees of preschoolers, characteristics of preschool teacher, preschool institution types (preschool, day care etc.), physical, social and educational setting features of preschool, parent's role in preschool education and its importance.
Learning Objectives	
Read List	

VII.SEMESTER**EGB455 Guidance**

Course Code	EGB455
Course Title	Guidance
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	(4) Fourth
Prerequisites	None
Local Credits	3
ECTS Credits	5
Weekly (Lectures-Practice-Laboratory)	3-0-0

Duration	1 Semester
Semester	7. Semester
Examination	Mid-term exam and final exam, written form
Assessment	Mid-term exam-35%, project-15%, final exam 50%
Description	Purpose of student personal services and the place in education, definition of guidance services, purposes and principles of guidance and counseling , description of students, to guide students, counseling, social relations, vocational guidance, special education and to define the students who have special needs.
Course Content	Teaching purposes of student personal services and the place in education, definition of guidance services, purposes and principles of guidance and counseling , description of students, to guide students, counseling, social relations, vocational guidance, special education and to define the students who have special needs.
Learning Objectives	<p>At the end of the course, students will be able to:</p> <ol style="list-style-type: none"> 1.Skills on applying basic guidance knowledge 2.Skills on describing and applying guidance 3.Skills on coordination with guidance service 4.Skills on discrimating the students who need special education 5.Skills on discriminating the students with special problems 6.Skills on deciding the guidance activities 7.Skills on deciding the guidance activities among students' developmental needs
Read List	<ol style="list-style-type: none"> 1- Can, G. (2002). Guidance and Counselling. Ankara: Pegema Press. 2.Yeşilyaprak, B. (2000). Guidance and ounseling in Education Ankara: Nobel Press. 3. Kuzgun,Y. (2000). İlköğretimde Guidance in Elementary School .Ankara: Nobel Press. 4. Kuzgun, Y (1992). Guidance and Counselling. Ankara: ÖSYM . 5. Tan, H.(1992) Guidance and Counselling. M.E.B. Öğretmen Kitapları Dizisi, İstanbul: Milli Eğitim Basımevi.

DİK451 Methods of Religion Ethic Teaching

Course Code	DİK451
Course Title	Methods of Religion Ethic Teaching
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	(4) Fourth
Prerequisites	None
Local Credits	2

ECTS Credits	2
Weekly (Lectures-Practice-Laboratory)	2-0-0
Duration	1 Semester
Semester	7. Semester
Examination	Mid-term exam, final exam
Assessment	Mid-term exam-40%, final exam-60%
Description	The main purpose of the course is Making student consious to the religion. Being able to have correct knowladge about religion developing critical thinking, teaching to perception and being respectful to the religious differences integrated belive and mind..
Course Content	Basic concepts (religion, culture, ethic), basic principles of Islam; Islamism and religions; ethic and principles of ethic related with person and community; examining Religion and Ethic course curriculum in lower primary education (4-5 grades); instruction approaches; evaluation of learning.
Learning Objectives	By the end of the course students should be able to: <ol style="list-style-type: none"> 1. Applying basic religious knowledge 2. Knowing basic religious concepts 3. Understanding god concept 4. Knowing Hz. Muhammed's life and being able to analyze his behaviours 5. Knowing ethic concept and ethic rules
Read List	<ol style="list-style-type: none"> 1. Prof.Dr.S. Hayri Bolay-Doç.Dr. Kazım Sarıkavak (2001) Din Kültürü ve Ahlak Bilgisi Gündüz Eğitim ve Yayıncılık 2. Prof. Dr. Yaşar Nuri Öztürk (1992) , Din ve Fitrat, İstanbul 3. Komisyon, İslam ve Toplum, Türkiye Diyanet Vakfı Yayınevi, İstanbul 4. Doç. Dr. Yaşar Düzenli (2000) , Kur'an Işığında Evrensel Dengeler ve İnsan, İstanbul

EGB453 Teaching Practice I

Course Code	EGB453
Course Title	Teaching Practice I
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	(4) Fourth
Prerequisites	None
Local Credits	5
ECTS Credits	8
Weekly (Lectures-Practice-Laboratory)	2-6-0
Duration	1 Semester
Semester	7. Semester
Examination	One mid-term exam, final exam
Assessment	Mid-term exam-40%, final exam-60%

Description	The main purpose of the course is to prepare of teacher candidates to teaching with teaching practices and adequacy for teaching with a plan and to know rules and notes.
Course Content	To determine the work that will be performed in the Practice school, Preparing of daily plan in every week (media, material and measurement tools), application of prepared plan or some activities in the plan, preparing of management plan for unwilling behaviors of students, application and evaluation, to fill self evaluation report related to the application belongs to this course, preparing of portfolio.
Learning Objectives	By the end of the course students should be able to: <ol style="list-style-type: none"> 1. Preparation of Semester Plan 2. To learn principals for educational setting preparation 3. To prepare and apply the educational setting 4. To know Preparation of course material 5. To Prepare of course material and applicate of it. 6. To prepare of evaluation materials 7. To Prepare and applicate of evaluation materials. 8. To learn the school administration principal practices.
Read List	1. The Book of School- Faculty Cooperation (1998) , YOK

EGB457 Special Education

Course Code	EGB457
Course Title	Special Education
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	Fourth
Prerequisites	None
Local Credits	2
ECTS Credits	5
Weekly (Lectures-Practice-Laboratory)	2-0-0
Duration	1 semester
Semester	7. Semester
Examination	One mid-term exam, final exam
Assessment	Mid-term exam-40%, final exam-60%
Description	
Course Content	Definition of special education, basic principle related to special education, the reason of disability, the importance of early diagnosis and therapy, historical approach to disability, the characteristics and the education of children have mental disability, deafness, blindness, physical disability, who stutters, learning disability (dyslexia), attention deficiency and hyperactive, otistic and mentally gifted, the education of the children needs special education via play, respect of disabled children family, the situation of special education in Turkiye and special education institutes,
Learning Objectives	By the end of this module students will be able to: <ol style="list-style-type: none"> 1. know the disabled child, 2. to be able to know the reason of disability, 3. to be able to know the characteristics of disability, 4. and the differentiate the different disability groups

	5. to be able to educate the disabled students
Read List	<ol style="list-style-type: none"> 1. Özsoy, Y., Özyürek, M., Eripek, S. (2002) <i>Özel Eğitime Giriş : Özel Eğitime Muhtaç Çocuklar</i>. Ankara: Karatepe Yayınları. 2. Ersoy, Ö., Avcı, N. (2000). <i>Özel Gereksinimi Olan Çocuklar ve Eğitimleri. Özel Eğitim</i>. İstanbul: Ya-Pa Yayınları. 3. Ersoy, Ö. (2003) . “ Erken Çocukluk Döneminde Kaynaştırma “. <i>Erken Çocuklukta Gelişim ve Eğitimde Yeni Yaklaşımlar</i>. İstanbul : Morpa Kültür Yayınları.

TUR451 Turkish Republic Literature

Course Code	TUR451
Course Title	Turkish Republic Literature
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	Fourth
Prerequisites	None
Local Credits	2
ECTS Credits	2
Weekly (Lectures-Practice-Laboratory)	2-0-0
Duration	1 semester
Semester	7. Semester
Examination	Mid-term exam and final exam, written form
Assessment	Mid-term exam % 30, final exam % 70
Description	<p>The main aim of the course is To instruct the preparation reasons of Republic Era of Turkish Literature and the influences of these reasons, also the instructions of the Era's progress will be given to make the students comprehend the relations between the era and the work. Content of the course is main peculiarities of Republic Era of Turkish Literature; Poetry, Novel, Story in Republic Era; important poets of Republic Era; “Birinci Yeni Community”, “İkinci Yeni Community”, “Hisar Community”, “Yedi Meşaleciler Community”, Contemporary Literature. To determine the general peculiarities of Republic Era of Turkish Literature and inform about literary kinds.</p>
Course Content	
Learning Objectives	<ol style="list-style-type: none"> 1. The preparation reasons of Turkish Literature of Republic Era 2. Turkish Literature of Republic Era as a concept 3. The view to the poetry till to the Republic Era 4. What is poetry? What is the ‘nationalization’ of poetry in Turkish Literature 5. ‘Anatolianism’ in Turkish Literature 6. The appear of the slogan ‘Mektepten Memlekete(From School to Fatherland)’ 7. The main attributes of Turkish Literature of Republic Era 8. Poetry of Republic Era. –Midterm Exams 9. Novel of Republic Era 10. Story of Republic Era 11. Important poets of Republic Era 12. Ziya Gökalp 13. Faruk Nafiz Çamlıbel 14. Yahya Kemal
Read List	1. Emiroğlu, Dr. Öztürk. (2000). Cumhuriyet Dönemi Türk Edebiyatında Hisar

	<p>Topluluğu ve Edebî Faaliyetleri, Ankara: Kültür Bakanlığı.</p> <p>2. Kaplan, Mehmet. (1986). Hikâye Tahlilleri. İstanbul: Dergâh Yay.</p> <p>3. Kaplan, Mehmet. (1997). Türk Edebiyatı Üzerinde Araştırmalar I. İstanbul: Dergâh Yay.</p> <p>4. Kaplan, Mehmet. (1998). Şiir Tahlilleri I-II. İstanbul: Dergâh Yay.</p> <p>5. Kaplan, Mehmet. (1987). Türk Edebiyatı Üzerinde Araştırmalar II. İstanbul: Dergâh Yay.</p> <p>6. Sazyek, Hakan. (1999). Cumhuriyet Dönemi Türk Şiirinde Garip Hareketi, Ankara: Türkiye İş Bankası Yay.</p> <p>7. Türk Dili Dergisi Türk Öykücülüğü Özel Sayısı, Temmuz 1975, Sayı: 286</p> <p>8. Türk Dili ve Edebiyatı Ansiklopedisi. İstanbul: Dergâh</p> <p>9. Yalçın, Alemdar. (1998) Cumhuriyet Dönemi Türk Romanı, Ankara: Günce Yay.</p>
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EGB451 Effective Communication

Course Code	EGB451
Course Title	Effective Communication
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	Fourth
Prerequisites	None
Local Credits	3
ECTS Credits	3
Weekly (Lectures-Practice-Laboratory)	3-0-0
Duration	1 semester
Semester	7. Semester
Examination	Mid-term exam and final exam, written form
Assessment	Mid-term exam-30%, homework-30%, final exam-40 %
Description	
Course Content	Description of interpersonal communication, model of communication, component and speciality of communication, effective listening and back declaration , frustrating factor of interpersonal communication (source, canal, recipient, etc), the factors which are facilitate communication, the role and usage of senses in communication, confliction in communication and its prevention, the important issues in student-teacher and parent communication, communication applications.
Learning Objectives	<ol style="list-style-type: none"> 1. Basic concepts connected with communication and interaction 2. Handicapof communication 3. Learning-teaching process as a communication process 4. Democratic environment and participate 5. Kind of communication, verbal communication, non- verbal communication
Read List	<p>Ergin, A. ve Birol, Cem (2000) Eğitimde İletişim. Ankara:Anı Yayıncılık.</p> <p>Dökmen, Ü. (1995) Sanatta ve Günlük Yaşamda İletişim Çatışmaları ve Empati. İstanbul: Sistem Yayıncılık</p> <p>Baltaş Z. (1999) Beden Dili. İstanbul: Remzi Kitabevi.</p>

TRA451 Traffic and First Aid

Course Code	TRA451
Course Title	Traffic and First Aid
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	Fourth
Prerequisites	None
Local Credits	2
ECTS Credits	2
Weekly (Lectures-Practice-Laboratory)	2-0-0
Duration	1 semester
Semester	7. Semester
Examination	Mid-term exam and final exam, written form
Assessment	Mid-term exam-40%, final exam-60 %
Description	
Course Content	Politics and transportation and Turkey fact, contemporary transportation approaches in long distance transportation, traffic problems and their solutions, basic traffic rules and concepts, traffic education in elementary education and related activities, accidents and first aid, basic first aid applications, transportation techniques of patients and injured persons, the wounded, nutrition, immunization, health education and traffic education and they will also get information about health promotion.
Learning Objectives	<ol style="list-style-type: none"> 1. Understand the importance of health and traffic problems of the community. 2. Understand the important school health problems. 3. Understand the definition and limits of first aid. 4. Understand and apply the basic first aid in fractures, dislocation and sprain. 5. Gain information about traffic education and problems.
Read List	<ol style="list-style-type: none"> 1. Şenşekerci E., Türkan A. (2003) Sağlık ve Trafik Eğitimi ,Ezgi Kitabevi (in Turkish) 2. Hasta ve Yaralıların Acil Bakımı ve Nakledilmesi.(1999) 3. bs Amerikan Ortopedik Cerrahlar Akademisi,Mısırlı Matbaası, İstanbul. (in Turkish) 3. İlkyardım Temel Yaşam Desteği El Kitabı (1998) Acil Tıp Derneği- Halk Yaşam, 4. Güler Ç., Bilir N.(1994) Temel İlkyardım (C-D düzeyleri) T.C.Sağlık Bakanlığı Sağlık Projesi Genel Koordinatörlüğü Çevre Sağlığı Temel Kaynak Dizisi, No:14, Aydoğdu Ofset, Ankara.(in Turkish)

GSA451 Teaching Visual Arts

Course Code	GSA451
Course Title	Teaching Visual Arts
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	Fourth

Prerequisites	None
Local Credits	2
ECTS Credits	3
Weekly (Lectures-Practice-Laboratory)	2-0-0
Duration	1 semester
Semester	7. Semester
Examination	Mid-term exam and final exam, written form
Assessment	Mid-term exam-40%, final exam-60 %
Description	
Course Content	Recognising visual art's functions from the aspect of cognitive and emotional views, determining student's development levels according to graphical development stages, reading children's pictures, application of Picture, graphical design and traditional design related with curriculum, drawing Picture and differentiation of visual, auditory, tactile perception by drawing, development of learning and creativity in art.
Learning Objectives	<ol style="list-style-type: none"> 1. Concepts knowledge in visual art. 2. Understanding importance of visual art education. 3. Esthetic knowledge. 4. Get a recognition of the need for, and an ability to engage in lifelong learning. 5. Gain a knowledge of contemporary issues
Read List	<ol style="list-style-type: none"> 1. Sanatta Eğitim, Olcay Tekin KIRIŞOĞLU, Pegem Ya. 2. Sanatın Boyutları, Sıtkı M. ERİNÇ, Çınar Ya. 3. Sanat Eğitimi, Kazım ARTUT, Anı Ya.

VIII.SEMESTER

EGB458 Teaching Practice II

Course Code	EGB458
Course Title	Teaching Practice II
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	(4) Fourth
Prerequisites	None
Local Credits	5
ECTS Credits	8
Weekly (Lectures-Practice-Laboratory)	2-6-0
Duration	1 Semester
Semester	8. Semester
Examination	One mid-term exam, final exam
Assessment	Mid-term exam-40%, final exam-60%
Description	The main purpose of the course is to prepare of teacher candidates to teaching with teaching practices and adequacy for teaching with a plan and to know rules and notes.
Course Content	Preparing of daily plan in every week, application of prepared plan, examination and

	evaluation of application by teacher and student, corrections and reapplications, preparing of portfolio.
Learning Objectives	By the end of the course students should be able to: <ol style="list-style-type: none"> 1. Preparation of Semester Plan 2. To learn principals for educational setting preparation 3. To prepare and apply the educational setting 4. To know Preparation of course material 5. To Prepare of course material and apply it. 6. To prepare of evaluation materials 7. To Prepare and apply of evaluation materials. 8. To learn the school administration principal practices.
Read List	1. The Book of School- Faculty Cooperation (1998) , YOK

EGB452 Integrated Classes in Elementary Education

Course Code	EGB452
Course Title	Integrated Classes in Elementary Education
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	(4) Fourth
Prerequisites	None
Local Credits	2
ECTS Credits	4
Weekly (Lectures-Practice-Laboratory)	2-0-0
Duration	1 Semester
Semester	8. Semester
Examination	Mid-term exam, final exam and homework , written form.
Assessment	Mid-term exam-30%, project-30%, final exam-40%
Description	Explaining joint class concept and revealing the reasons of joint classes, knowing year unit concept, being able to plan teaching and learning process, understanding instructional methods and techniques, explaining joint classroom management approaches.
Course Content	Concept of joint classes; revealing the reasons of joint classes; joint classes with 1,2,3,4 teachers; concept of year unit and its characteristics (A period 1,2,3 year units; B period 1 and 2 year units); instructional methods and techniques; measurement and evaluation in joint classes; classroom management in joint
Learning Objectives	By the end of the course students should be able to <ol style="list-style-type: none"> 1. Knowing basic basis of instruction in joint classes 2. Explaining basic concepts in regard to joint classes 3. Explaining basic characteristics of instruction in joint classes 4. Understanding the importance of personal studies in joint classes 5. Understanding the importance of planning in joint classes 6. Explaining the basis of classroom management in joint classes 7. Understanding teachers duties in joint classes
Read List	<ol style="list-style-type: none"> 1. Köksal, K. (2005) Birleştirilmiş Sınıflarda Öğretim, Ankara: PegemA Yayıncılık. 2. Binbaşoğlu, C. (1999) Birleştirilmiş Sınıflarda Öğretim. Ankara: Anı Yayıncılık. 3. Erdem, A. R. (2004) Birleştirilmiş Sınıflarda Öğretim. Ankara: Anı Yayıncılık..

	<p>4. Fidan, N. (1987) Birleştirilmiş Sınıflarda Öğretim. Eskişehir: Anadolu Üniversitesi Açık Öğretim Fakültesi Yayınları No: 100.</p> <p>5. MEB. (2000) İlköğretim Birleştirilmiş Sınıflar Hayat Bilgisi Öğretmen Kılavuz Kitabı, Ankara:MEB Yayıncılık.</p>
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Course Code	<u>Elective (F)</u>
Course Title	
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	Fourth
Prerequisites	None
Local Credits	2
ECTS Credits	4
Weekly (Lectures-Practice-Laboratory)	2-0-0
Duration	1 Semester
Semester	8. Semester
Examination	Mid-term exam and final exam, written form
Assessment	Mid-term exam-30%, project-30%, final exam-40 %
Description	Structure of classroom teacher education, characteristics of classroom teacher education, history of classroom teacher education, problems of classroom teacher education (legal, political, social, economical, cultural, geographical, etc) solution offers (short-term and long-term) of these problems, positions of classroom teachers in Turkey, education of classroom teachers, employment of classroom teachers, in-service training of classroom teachers.
Course Content	
Learning Objectives	<ol style="list-style-type: none"> 1. Problems of primary school teachers 2. kinds of problem 3. solution offers 4. positions of classroom teachers
Read List	

Course Code	
Course Title	Alternative Measurement and Evaluation Methods in Elementary Education

Instructor's Name	
Academic Cycle	Bachelor
Year of Study	Fourth
Prerequisites	None
Local Credits	2
ECTS Credits	4
Weekly (Lectures-Practice-Laboratory)	2-0-0
Duration	1 Semester
Semester	8. Semester
Examination	Mid-term exam and final exam, written form
Assessment	Mid-term exam-30%, homework-30%, final exam-40 %
Description	Basic concepts of measurement and evaluation, the purposes of evaluation, traditional measurement and evaluation tools and their disadvantages, alternative measurement and evaluation tools, developing and conducting alternative measurement and evaluation tools.
Course Content	
Learning Objectives	<ol style="list-style-type: none"> 1. Knowing basic concepts about measurement 2. Knowing basic concepts about measurement 3. Understanding features of alternative measurement and evaluation tools. 4. Gaining skills of choosing relative measurement and evaluation tools 5. Gaining skills of using relative measurement and evaluation tools
Read List	<p>Korkmaz, H.(2004). Fen ve Teknoloji Eğitiminde Alternatif Değerlendirme Yaklaşımları. Ankara: Yeryüzü Yayınevi.</p> <p>MEB (2005). İlköğretim Programları, Ankara: Milli Eğitim Yayınları</p>

Course Code	Elective (F)
Course Title	Creative Language Activities
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	Fourth
Prerequisites	None
Local Credits	2
ECTS Credits	4
Weekly (Lectures-Practice-Laboratory)	2-0-0
Duration	1 Semester
Semester	8. Semester
Examination	Mid-term exam and final exam, written form
Assessment	Mid-term exam-40%, final exam-60 %

Description	The aim of the course is to develop student's language skills
Course Content	Course includes; listening, speaking, reading, writing, visual reading and visula presentation. This applications includes metaphors. Understanding metaphors and using metaphors in writing.
Learning Objectives	<ol style="list-style-type: none"> 1. Understand metaphors 2. Using metaphors in writing.
Read List	<p>Sever, Sedat. Türkçe Öğretimi ve Tam Öğrenme. Ankara: Anı Yayıncılık, 1997.</p> <p>Salman, Yurdanur. "Dilin Düşevreni: Eğretileme" Kitaplık. İstanbul: YKY, S.65, ss. 53-54, Ekim 2003.</p> <p>Özdemir, Emin. "Anadili Öğretim!" Türk Dili Aylık Dil ve Yazın Dergisi. S.379-380,ss.18-30, Temmuz-Ağustos 1983.</p> <p>Gündoğan, Ali Osman. "Dil ve Dil-Anlam İlişkisi" Atatürk Üniversitesi, Kazım Karabekir Eğitim Fakültesi Dergisi. Erzurum, S.4.ss.47-58. 2000</p>

Course Code	
Course Title	Project Applications for Developing Environmental Awaerness
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	Fourth
Prerequisites	None
Local Credits	2
ECTS Credits	4
Weekly (Lectures-Practice-Laboratory)	2-0-0
Duration	1 Semester
Semester	8. Semester
Examination	Mid-term exam and final exam, written form
Assessment	Mid-term exam-30%, project-30%, final exam-40 %
Description	
Course Content	The concept of environment, environmental awaerness, the importance of environmental awaerness in elementary education, project definition, project types, features of projects, project criterions, contributions of projects to learning, project development process, proje teachers roles in projects, sample project development studies
Learning Objectives	<ol style="list-style-type: none"> 1. Knowing basic concepts of projects 2. Understanding the importance of environmental awaerness 3. Being able to explain project concept 4. Understanding teachers roles in Project development process 5. Being able to conduct a project 6. Being able to present own project
Read List	<p>Aydoğdu, M. Ve Gezer, K. (2006). Çevre Bilimi, Ankara: anı Yayıncılık.</p> <p>Yücel, A. Seda ve F. İnci Morgil. "Çevre Eğitiminin Geliştirilmesi", BAÜ Fen Bilimleri Enstitüsü Dergisi, 1 (1), 1999.</p> <p>Edigar, Marlow. "Project Methods in the Social Studies", College Student Journal, 31;3: 418-423, 1997.</p>

	<p>Erdem Mukaddes ve Buket Akkoyunlu. (Haziran, 2002). “Sosyal Bilgiler Kapsamında Beşinci Sınıf Öğrencileriyle Yürütülen Ekiple Proje Tabanlı Öğrenmenin Etkililiği Üzerine Bir Çalışma”, İlköğretim-Online. 2-2, URL:http://www.ilkogretim-online.org.tr/. Erişim Tarihi: 20.10.2002.</p> <p>Saban, Ahmet. Öğrenme Öğretme Süreci:Yeni Teori ve Yaklaşımlar. Ankara: Nobel Yayın Dağıtım, 2000.</p>
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Course Code	<u>Elective (PK)</u>
Course Title	The Applications of Project Development in Classroom Teacher Education
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	Fourth
Prerequisites	None
Local Credits	2
ECTS Credits	4
Weekly (Lectures-Practice-Laboratory)	2-0-0
Duration	1 Semester
Semester	8. Semester
Examination	Mid-term exam and final exam, written form
Assessment	Mid-term exam-30%, project-30%, final exam-40 %
Description	
Course Content	What is project? What is Project based learning? Project applications in elementary education, How is project prepared in elementary education? (to select of Project subject in elementary education, to collect information related to project, to define of Project, to continue of Project, evaluation of Project and to report upon the Project) characteristics of elementary projects, measure of valuations of elementary projects, examples of result report of elementary projects, examples of application form of elementary projects, Project examples
Learning Objectives	<ol style="list-style-type: none"> 1. Knowing basic concepts of projects 2. Understanding the importance of environmental awareness 3. Being able to explain project concept 4. Understanding teachers roles in Project development process 5. Being able to conduct a project 6. Being able to present own project
Read List	<p>Aydoğdu, M. Ve Gezer, K. (2006). Çevre Bilimi, Ankara: anı Yayıncılık.</p> <p>Yücel, A. Seda ve F. İnci Morgil. “Çevre Eğitiminin Geliştirilmesi”, BAÜ Fen Bilimleri Enstitüsü Dergisi, 1 (1), 1999.</p> <p>Edigar, Marlow. “Project Methods in the Social Studies”, College Student Journal, 31;3: 418-423, 1997.</p> <p>Erdem Mukaddes ve Buket Akkoyunlu. (Haziran, 2002). “Sosyal Bilgiler Kapsamında Beşinci Sınıf Öğrencileriyle Yürütülen Ekiple Proje Tabanlı Öğrenmenin Etkililiği</p>

	<p>Üzerine Bir Çalışma”, İlköğretim-Online. 2-2, URL:http://www.ilkogretim-online.org.tr/. Erişim Tarihi: 20.10.2002.</p> <p>Saban, Ahmet. Öğrenme Öğretme Süreci:Yeni Teori ve Yaklaşımlar. Ankara: Nobel Yayın Dağıtım, 2000.</p>
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EGB456 Joining Together in Elementary Education

Course Code	EGB456
Course Title	Joining Together in Elementary Education
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	Fourth
Prerequisites	None
Local Credits	2
ECTS Credits	4
Weekly (Lectures-Practice-Laboratory)	2-0-0
Duration	1 Semester
Semester	8. Semester
Examination	Mid-term exam and final exam, written form.
Assessment	Mid-term exam-35%, project-15%, inal exam-50 %
Description	
Course Content	Definition and basic principles of mainstreaming; characteristics of mainstreaming childrens, mainstreaming childrens pozitions in the classroom, social relationships with other kids and instructional situations; curriculums of mainstreaming applications, aims and applications of curriculum, supporting mainstreaming curriculum with personalized education programs; methods and techniques of mainstreaming curriculum, part-time and full-time mainstreaming applications and evaluation.
Learning Objectives	
Read List	

EGB460 Turkish Educational System and School Management

Course Code	EGB460
Course Title	Turkish Educational System and School Management
Instructor's Name	
Academic Cycle	Bachelor

Year of Study	Fourth
Prerequisites	None
Local Credits	2
ECTS Credits	2
Weekly (Lectures-Practice-Laboratory)	2-0-0
Duration	1 Semester
Semester	8. Semester
Examination	One mid-term exam, final exam
Assessment	Mid-term exam-40%, final exam-60%
Description	
Course Content	The aims and basic principles of Turkish Education System, legal laws and arrangements related to education, structure of Turkish education system, Management theory and process, organization and management of school, works related to personnel, students, teaching and administration in school management, social attending to school.
Learning Objectives	By the end of this module students will be able to: <ol style="list-style-type: none"> 1. Understand basic issues in educational systems in Turkey and around the world 2. Understand historical and legal foundations of Turkish educational system 3. Understand the structure of Turkish educational system 4. know subsystems of Turkish educational system 5. Identify educational issues and provide alternative solutions to them 6. Provide and develop projects related to issues in education.
	<ol style="list-style-type: none"> 1. Adem, M. (2005). Ulusal Eğitim Politikamız ve Finansmanı. Ankara: Ankara Üniv. 2. Başaran, İ. E. (2006). Türkiye Eğitim Sistemi. Ankara. 3. Ergün, M. (1997). Atatürk Devri Türk Eğitimi. Ankara: Ocak Yayınları. 4. MEB. (1998). Cumhuriyet'in 75 Yılında Gelişme ve Hedefler. Ankara: MEB. 5. Kaya, Y. K. (1984). İnsan Yetiştirme Düzenimiz. Ankara: Hacettepe Üniversitesi.

EGB454 History of Turkish Education

Course Code	EGB454
Course Title	History of Turkish Education
Instructor's Name	
Academic Cycle	Bachelor
Year of Study	Fourth
Prerequisites	None
Local Credits	2
ECTS Credits	4
Weekly (Lectures-Practice-Laboratory)	2-0-0
Duration	1 Semester
Semester	8. Semester

Examination	Mid-term exam, final exam and homework , written form
Assessment	Mid-term exam-30%, project-30%, final exam-40%
Description	
Course Content	The importance of Turkish Educational History from the aspect of educational phenomena, Education circumstances before the republic and teacher training institutions. Turkish Educational Revolution 1: historical background of revolution, philosophical and political foundations of revolution. Turkish Educational Revolution 2: historical foundations, extentions, application and importance; Licism in Turkish Education system. Turkish Educational Revolution 3: Combined education and education of girls, Scripture Revolution, public houses. Basic principles of Turkis Republic Education System. Village institutions and Higher Teacher School. Universities and and teacher trining. Developments of Turkish education system in recent period.
Learning Objectives	By the end of the course students should be able to : <ol style="list-style-type: none"> 1. understand basic issues in educational systems in Turkey and around the world 2. understand historical and legal foundations of Turkish educational system 3. Understand the structure of Turkish educational system 4. know subsystems of Turkish educational system 5. Identify educational issues and provide alternative solutions to them 6. provide and develop projects related to issues in education.
Read List	<ol style="list-style-type: none"> 1. Adem, M. (2005). Ulusal Eğitim Politikamız ve Finansmanı. Ankara: Ankara Üniv. 2. Başaran, İ. E. (2006). Türkiye Eğitim Sistemi. Ankara. 3. Ergün, M. (1997). Atatürk Devri Türk Eğitimi. Ankara: Ocak Yayınları. 4. MEB. (1998). Cumhuriyet'in 75 Yılında Gelişme ve Hedefler. Ankara: MEB. 5. Kaya, Y. K. (1984). İnsan Yetiştirme Düzenimiz. Ankara: Hacettepe Üniversitesi.